



**RAT DER  
EUROPÄISCHEN UNION**

**Brüssel, den 6. April 2009 (07.04)  
(OR. en)**

**8424/09  
ADD 5**

**LIMITE**

**COMPET 196  
ENV 287  
CHIMIE 33  
MI 144  
ENT 86**

**ÜBERMITTLUNGSVERMERK**

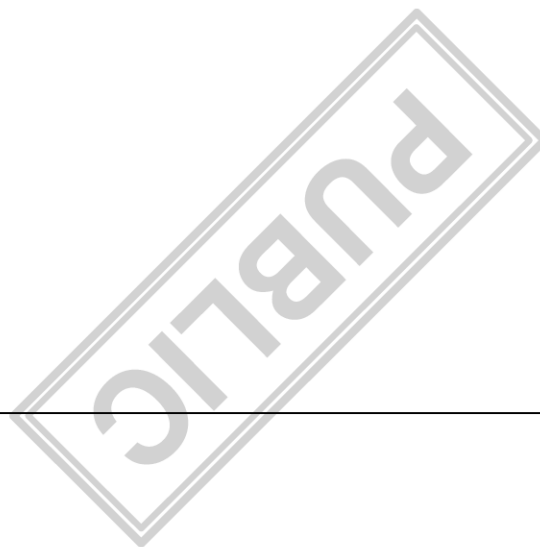
|                |                                                                                                                                                                                                                                                                                                                             |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Absender:      | Europäische Kommission                                                                                                                                                                                                                                                                                                      |
| Eingangsdatum: | 1. April 2009                                                                                                                                                                                                                                                                                                               |
| Empfänger:     | der Generalsekretär/Hohe Vertreter, Herr Javier SOLANA                                                                                                                                                                                                                                                                      |
| Betr.:         | Entwurf der VERORDNUNG (EG) Nr. .../. DER KOMMISSION vom<br>zur Änderung der Verordnung (EG) Nr. 1272/2008 des Europäischen<br>Parlaments und des Rates über die Einstufung, Kennzeichnung und<br>Verpackung von Stoffen und Gemischen zwecks Anpassung an den<br>technischen und wissenschaftlichen Fortschritt – Anhang V |

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**LIMITE DE**



Die Delegationen erhalten in der Anlage das Kommissionsdokument D004515/01 Anhang V.

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Anl.: Dok. D004515/01 Anhang V

## ANHANG V

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                               | EG-Nummer                                               | CAS-Nummer                                                | Einstufung                                                     | Kennzeichnung                                                                             | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------|-------------|
| 003-003-00-5 | (2-methylpropyl)lithium;<br>isobutyllithium                                                                                                                        | 440-620-2                                               | 920-36-5                                                  | F; R15-17<br><br>R14<br><br>C; R35<br><br>R67<br><br>N; R50-53 | F; C; N<br><br>R: 14/15-17-35-67-50/53<br><br>S: (1/2-)6-16-26-30-33-36/37/39-43-45-60-61 |                                   |             |
| 005-007-00-2 | boric acid; [1]<br><br>boric acid, crude natural, containing not more than 85 per cent of H <sub>3</sub> BO <sub>3</sub> calculated on the dry weight [2]          | 233-139-2 [1]<br><br>234-343-4 [2]                      | 10043-35-3 [1]<br><br>11113-50-1 [2]                      | Repr. Cat. 2; R60-61                                           | T<br><br>R: 60-61<br><br>S: 53-45                                                         | Repr. Cat. 2; R60-61: C ≥ 5,5 %   |             |
| 005-008-00-8 | diboron trioxide;<br><br>boric oxide                                                                                                                               | 215-125-8                                               | 1303-86-2                                                 | Repr. Cat. 2; R60-61                                           | T<br><br>R: 60-61<br><br>S: 53-45                                                         | Repr. Cat. 2; R60-61: C ≥ 3,1 %   |             |
| 005-011-00-4 | disodium tetraborate, anhydrous;<br><br>boric acid, disodium salt; [1]<br><br>tetraboron disodium heptaoxide, hydrate; [2]<br><br>orthoboric acid, sodium salt [3] | 215-540-4 [1]<br><br>235-541-3 [2]<br><br>237-560-2 [3] | 1330-43-4 [1]<br><br>12267-73-1 [2]<br><br>13840-56-7 [3] | Repr. Cat. 2; R60-61                                           | T<br><br>R: 60-61<br><br>S: 53-45                                                         | Repr. Cat. 2; R60-61: C ≥ 4,5 %   |             |
| 005-011-01-1 | disodium tetraborate decahydrate;                                                                                                                                  | 215-540-4                                               | 1303-96-4                                                 | Repr. Cat. 2; R60-61                                           | T                                                                                         | Repr. Cat. 2; R60-61: C ≥ 8,5 %   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                            | EG-Nummer | CAS-Nummer  | Einstufung                                            | Kennzeichnung                                                            | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|---------------------------------------------------------------------------------|-----------|-------------|-------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------|-------------|
|              | borax decahydrate                                                               |           |             |                                                       | R: 60-61<br>S: 53-45                                                     |                                   |             |
| 005-011-02-9 | disodium tetraborate pentahydrate;<br>borax pentahydrate                        | 215-540-4 | 12179-04-3  | Repr. Cat. 2; R60-61                                  | T<br>R: 60-61<br>S: 53-45                                                | Repr. Cat. 2; R60-61: C ≥ 6,5 %   |             |
| 005-013-00-5 | diethylmethoxyborane                                                            | 425-380-9 | 7397-46-8   | F; R17<br>Xn; R20/21/22-48/22<br>C; R34<br>R43<br>R53 | F; C<br>R: 17-20/21/22-34-43-48/22-53<br>S: (1/2-)6-26-36/37/39-43-45-61 |                                   |             |
| 005-014-00-0 | 4-formylphenylboronic acid                                                      | 438-670-5 | 87199-17-5  | R43                                                   | Xi<br>R: 43<br>S: (2-)24-37                                              |                                   |             |
| 005-015-00-6 | 1-chloromethyl-4-fluoro-1,4-diazoniabicyclo[2.2.2]octane bis(tetrafluoroborate) | 414-380-4 | 140681-55-6 | Xn; R22<br>Xi; R41<br>R43<br>R52-53                   | Xn<br>R: 22-41-43-52/53<br>S: (2-)21-26-36/37/39-61                      |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                           | EG-Nummer                                                                         | CAS-Nummer                                                                                 | Einstufung                                                                         | Kennzeichnung                              | Spezifische Konzentrationsgrenzen                                                                              | Anmerkungen |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------|
| 005-016-00-1 | tetrabutylammonium butyl tris-(4- <i>tert</i> -butylphenyl)borate                                                                                                                                                                                                                                                              | 431-370-5                                                                         | -                                                                                          | R53                                                                                | R: 53<br>S: 61                             |                                                                                                                |             |
| 005-017-00-7 | sodium perborate; [1]<br>perboric acid, sodium salt; [2]<br>perboric acid, sodium salt, monohydrate; [3]<br>sodium peroxometaborate; [4]<br>perboric acid (HBO(O <sub>2</sub> )), sodium salt, monohydrate; [5]<br>sodium peroxoborate;<br>[containing < 0.1 % (w/w) of particles with an aerodynamic diameter of below 50 µm] | 239-172-9 [1]<br>234-390-0 [2]<br>234-390-0 [3]<br>231-556-4 [4]<br>231-556-4 [5] | 15120-21-5 [1]<br>11138-47-9 [2]<br>12040-72-1 [3]<br>7632-04-4 [4]<br>10332-33-9 [5]      | O; R8<br>Repr. Cat. 2; R61<br>Repr. Cat. 3; R62<br>Xn; R22<br>Xi; R37-41           | O; T<br>R: 61-8-22-37-41-62<br>S: 53-45    | Repr. Cat. 2; R61: C ≥ 6,5 %<br>Repr. Cat. 3; R62: C ≥ 9 %<br><br>Xi; R41: C ≥ 22%<br>Xi; R36: 14 % ≤ C < 22 % | E           |
| 005-017-01-4 | sodium perborate; [1]<br>perboric acid, sodium salt; [2]<br>perboric acid, sodium salt, monohydrate; [3]<br>sodium peroxometaborate; [4]<br>perboric acid (HBO(O <sub>2</sub> )), sodium salt, monohydrate; [5]<br>sodium peroxoborate;<br>[containing ≥ 0.1 % (w/w) of                                                        | 239-172-9 [1]<br>234-390-0 [2]<br>234-390-0 [3]<br>231-556-4 [4]<br>231-556-4 [5] | 15120-21-5 [1]<br>11138-47-9 [2]<br>12040-72-1 [3]<br>7632-04-4 [4]<br>10332-33-9 [5]<br>- | O; R8<br>Repr. Cat. 2; R61<br>Repr. Cat. 3; R62<br>T; R23<br>Xn; R22<br>Xi; R37-41 | O; T<br>R: 61-8-22-23-37-41-62<br>S: 53-45 | Repr. Cat. 2; R61: C ≥ 6,5 %<br>Repr. Cat. 3; R62: C ≥ 9 %<br><br>Xi; R41: C ≥ 22%<br>Xi; R36: 14 % ≤ C < 22 % | E           |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                   | EG-Nummer                                               | CAS-Nummer                                                          | Einstufung                                                                  | Kennzeichnung                                                 | Spezifische Konzentrationsgrenzen                                                                                      | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------|
|              | particles with an aerodynamic diameter of below 50 µm]                                                                                                                                                                                                                                                                                                                 |                                                         |                                                                     |                                                                             |                                                               |                                                                                                                        |             |
| 005-018-00-2 | perboric acid (H <sub>3</sub> BO <sub>2</sub> (O <sub>2</sub> )), monosodium salt trihydrate; [1]<br><br>perboric acid, sodium salt, tetrahydrate; [2]<br><br>perboric acid (HBO(O <sub>2</sub> )), sodium salt, tetrahydrate; [3]<br><br>sodium peroxoborate hexahydrate;<br><br>[containing < 0.1 % (w/w) of particles with an aerodynamic diameter of below 50 µm]  | 239-172-9 [1]<br><br>234-390-0 [2]<br><br>231-556-4 [3] | 13517-20-9 [1]<br><br>37244-98-7 [2]<br><br>10486-00-7 [3]<br><br>- | Repr. Cat. 2; R61<br><br>Repr. Cat. 3; R62<br><br>Xi; R37-41                | T<br><br>R: 61-37-41-62<br><br>S: 53-45-47                    | Repr. Cat. 2; R61: C ≥ 10 %<br><br>Repr. Cat. 3; R62: C ≥ 14 %<br><br>Xi; R41: C ≥ 36%<br><br>Xi; R36: 22 % ≤ C < 36 % |             |
| 005-018-01-X | perboric acid (H <sub>3</sub> BO <sub>2</sub> (O <sub>2</sub> )), monosodium salt, trihydrate; [1]<br><br>perboric acid, sodium salt, tetrahydrate; [2]<br><br>perboric acid (HBO(O <sub>2</sub> )), sodium salt, tetrahydrate; [3]<br><br>sodium peroxoborate hexahydrate;<br><br>[containing ≥ 0.1 % (w/w) of particles with an aerodynamic diameter of below 50 µm] | 239-172-9 [1]<br><br>234-390-0 [2]<br><br>231556-4 [3]  | 13517-20-9 [1]<br><br>37244-98-7 [2]<br><br>10486-00-7 [3]<br><br>- | Repr. Cat. 2; R61<br><br>Repr. Cat. 3; R62<br><br>Xn; R20<br><br>Xi; R37-41 | T<br><br>R: 61-20-37-41-62<br><br>S: 53-45-47                 | Repr. Cat. 2; R61: C ≥ 10 %<br><br>Repr. Cat. 3; R62: C ≥ 14 %<br><br>Xi; R41: C ≥ 36%<br><br>Xi; R36: 22 % ≤ C < 36 % | E           |
| 006-091-00-3 | propineb (ISO);<br><br>polymeric zinc propylenebis(dithiocarbamate)                                                                                                                                                                                                                                                                                                    | -                                                       | 9016-72-2                                                           | Xn; R20-48/20/22<br><br>R43<br><br>N; R50                                   | Xn; N<br><br>R: 20-43-48/20/22-50<br><br>S: (1/2-)24-37-46-61 |                                                                                                                        |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                              | EG-Nummer | CAS-Nummer  | Einstufung                                                                                             | Kennzeichnung                                                  | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|---------------------------------------------------------------------------------------------------|-----------|-------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------|-------------|
| 006-092-00-9 | <i>tert</i> -butyl (1 <i>S</i> )- <i>N</i> -[1-((2 <i>S</i> )-2-oxiranyl)-2-phenylethyl]carbamate | 425-420-5 | 98737-29-2  | N; R50-53                                                                                              | N<br><br>R: 50/53<br><br>S: 60-61                              |                                   |             |
| 006-093-00-4 | 2,2'-dithio di(ethylammonium)-bis(dibenzylidithiocarbamate)                                       | 427-180-7 | -           | Xn; R22<br><br>R43<br><br>N; R50-53                                                                    | Xn; N<br><br>R: 22-43-50/53<br><br>S: (2-)15-22-29-36/37-60-61 |                                   |             |
| 006-094-00-X | <i>O</i> -isobutyl- <i>N</i> -ethoxy carbonylthiocarbamate                                        | 434-350-4 | 103122-66-3 | R10<br><br>Carc. Cat. 2; R45<br><br>Muta. Cat. 2; R46<br><br>Xn; R22-48/22<br><br>R43<br><br>N; R51-53 | T; N<br><br>R: 45-46-10-22-43-48/22-51/53<br><br>S: 53-45-61   |                                   | E           |
| 006-095-00-5 | fosetyl-aluminium (ISO);<br><br>aluminium triethyl triphosphonate                                 | 254-320-2 | 39148-24-8  | Xi; R41                                                                                                | Xi<br><br>R: 41<br><br>S: (2-)26-39-46                         |                                   |             |
| 006-096-00-0 | chlorpropham (ISO);                                                                               | 202-925-7 | 101-21-3    | Carc. Cat. 3; R40                                                                                      | Xn; N                                                          |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                          | EG-Nummer | CAS-Nummer  | Einstufung                      | Kennzeichnung                                    | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|---------------------------------|--------------------------------------------------|-----------------------------------|-------------|
|              | isopropyl 3-chlorocarbanilate                                                                                                                                                                                                                                                 |           |             | Xn; R48/22<br>N; R51-53         | R: 40-48/22-51/53<br>S: (2-)36/37-61             |                                   |             |
| 006-097-00-6 | 1-phenyl-3-( <i>p</i> -toluenesulfonyl)urea                                                                                                                                                                                                                                   | 424-620-1 | 13909-63-2  | Xn; R22-48/22<br>R52-53         | Xn<br>R: 22-48/22-52/53<br>S: (2-)22-36-61       |                                   |             |
| 006-098-00-1 | <i>tert</i> -butyl (1 <i>R</i> ,5 <i>S</i> )-3-azabicyclo[3.1.0]hex-6-ylcarbamate                                                                                                                                                                                             | 429-170-8 | 134575-17-0 | Xn; R22-48/22<br>Xi; R41<br>R43 | Xn<br>R: 22-41-43-48/22<br>S: (2-)22-26-36/37/39 |                                   |             |
| 006-099-00-7 | <i>N</i> -( <i>p</i> -toluenesulfonyl)- <i>N'</i> -(3-( <i>p</i> -toluenesulfonyloxy)phenyl)urea;<br><br>3-(((4-methylphenyl)sulfonyl)carbamoyl<br>amino)phenyl 4-methylbenzenesulfonate                                                                                      | 432-520-2 | 232938-43-1 | N; R51-53                       | N<br>R: 51/53<br>S: 22-61                        |                                   |             |
| 006-101-00-6 | reaction mass of: <i>N,N''</i> -(methylenedi-4,1-phenylene)bis[ <i>N'</i> -phenylurea];<br><br><i>N</i> -(4-[[4-[(phenylamino)carbonyl]amino]phenylmethyl]phenyl)- <i>N'</i> -cyclohexylurea;<br><br><i>N,N''</i> -(methylenedi-4,1-phenylene)bis[ <i>N'</i> -cyclohexylurea] | 423-070-8 | -           | R53                             | R: 53<br>S: 61                                   |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                               | EG-Nummer | CAS-Nummer | Einstufung                                                                                                   | Kennzeichnung                                                                 | Spezifische Konzentrationsgrenzen                                                                                      | Anmerkungen |
|--------------|--------------------------------------------------------------------|-----------|------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------|
| 006-102-00-1 | <i>O</i> -hexyl- <i>N</i> -ethoxycarbonylthiocarbamate             | 432-750-3 | -          | Carc. Cat. 2; R45<br><br>Muta. Cat. 2; R46<br><br>Xn; R22-48/22<br><br>R43<br><br>N; R51-53                  | T; N<br><br>R: 45-46-22-43-48/22-51/53<br><br>S: 53-45-61                     |                                                                                                                        | E           |
| 006-103-00-7 | <i>N,N'</i> -(methylenedi-4,1-phenylene)bis[ <i>N'</i> -octyl]urea | 445-760-8 | -          | Xi; R41<br><br>R42<br><br>N; R50-53                                                                          | Xn; N<br><br>R: 41-42-50/53<br><br>S: (2-)22-26-39-45-60-61                   | N; R50-53: $C \geq 0,25 \%$<br><br>N; R51-53: $0,025 \% \leq C < 0,25 \%$<br><br>R52-53: $0,0025 \% \leq C < 0,025 \%$ |             |
| 007-028-00-2 | hydroxylammonium nitrate                                           | 236-691-2 | 13465-08-2 | E; R2<br><br>Carc. Cat. 3; R40<br><br>T; R24<br><br>Xn; R22-48/22<br><br>Xi; R36/38<br><br>R43<br><br>N; R50 | E; T; N<br><br>R: 2-22-24-36/38-40-43-48/22-50<br><br>S: (1/2-)26-36/37-45-61 |                                                                                                                        |             |
| 007-029-00-8 | diethyldimethylammonium hydroxide                                  | 419-400-5 | 95500-19-9 | Xn; R21/22                                                                                                   | C                                                                             |                                                                                                                        |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                 | EG-Nummer | CAS-Nummer  | Einstufung               | Kennzeichnung                          | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------------|----------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                                      |           |             | C; R35                   | R: 21/22-35<br>S: (1/2-)26-36/37/39-45 |                                   |             |
| 012-004-00-X | aluminium-magnesium-carbonate-hydroxide-perchlorate-hydrate                                                                          | 422-150-1 | -           | N; R50-53                | N<br>R: 50/53<br>S: 60-61              |                                   |             |
| 013-010-00-5 | hydroxy aluminium bis(2,4,8,10-tetra- <i>tert</i> -butyl-6-hydroxy-12 <i>H</i> -dibenzo[ <i>d,g</i> ][1.3.2]dioxaphosphocin-6-oxide) | 430-650-4 | 151841-65-5 | N; R51-53                | N<br>R: 51/53<br>S: 61                 |                                   |             |
| 014-033-00-3 | 2-methyl-3-(trimethoxysilyl)propyl-2-propenoate hydrolysis product with silica                                                       | 419-030-4 | 125804-20-8 | F; R11<br>Xi; R36<br>R67 | F; Xi<br>R: 11-36-67<br>S: (2-)16-26   |                                   |             |
| 014-034-00-9 | 3-hexylheptamethyltrisiloxane                                                                                                        | 428-700-5 | 1873-90-1   | Xn; R20<br>R53           | Xn<br>R: 20-53<br>S: (2-)61            |                                   |             |
| 014-035-00-4 | 2-(3,4-epoxycyclohexyl)ethyltriethoxy silane                                                                                         | 425-050-4 | 10217-34-2  | R43<br>R52-53            | Xi<br>R: 43-52/53<br>S: (2-)24-37-61   |                                   |             |
| 014-036-00-X | (4-ethoxyphenyl)(3-(4-fluoro-3-phenoxyphenyl)propyl)dimethylsi                                                                       | 405-020-7 | 105024-66-6 | Repr.Cat.2; R60          | T; N                                   | N; R50-53: C ≥ 0,025 %            |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                         | EG-Nummer | CAS-Nummer  | Einstufung                  | Kennzeichnung                              | Spezifische Konzentrationsgrenzen                                                   | Anmerkungen |
|--------------|--------------------------------------------------------------------------------------------------------------|-----------|-------------|-----------------------------|--------------------------------------------|-------------------------------------------------------------------------------------|-------------|
|              | lane                                                                                                         |           |             | N; R50-53                   | R: 60-50/53<br>S: 53-45-60-61              | N; R51-53: $0,0025 \% \leq C < 0,025 \%$<br>R52-53: $0,00025 \% \leq C < 0,0025 \%$ |             |
| 014-037-00-5 | 2-butanone- <i>O,O',O''</i> -(phenylsilylidene)trioxime                                                      | 433-360-6 | 34036-80-1  | Xn; R48/22<br>R43<br>R52-53 | Xn<br>R: 43-48/22-52/53<br>S: (2-)36/37-61 |                                                                                     |             |
| 014-038-00-0 | <i>S</i> -(3-(triethoxysilyl)propyl)octanethioate                                                            | 436-690-9 | 220727-26-4 | R43                         | Xi<br>R: 43<br>S: (2-)24-37                |                                                                                     |             |
| 014-039-00-6 | (2,3-dimethylbut-2-yl)-trimethoxysilane                                                                      | 439-360-2 | 142877-45-0 | Xi; R38-41<br>R52-53        | Xi<br>R: 38-41-52/53<br>S: (2-)26-37/39-61 |                                                                                     |             |
| 014-041-00-7 | <i>N,N</i> -bis(trimethylsilyl)aminopropylmethyldiethoxysilane                                               | 445-890-5 | 201290-01-9 | Xn; R22<br>R43              | Xn<br>R: 22-43<br>S: (2-)24-37             |                                                                                     |             |
| 014-042-00-2 | reaction mass of: <i>O,O',O'',O'''</i> -silanetetrayl tetrakis(4-methyl-2-pentanone oxime) (3 stereoisomers) | 423-010-0 | -           | Xi; R41                     | Xi<br>R: 41<br>S: (2-)26-39                |                                                                                     |             |
| 014-043-00-8 | reaction product of amorphous silica (50-85%), butyl (1-                                                     | 432-200-2 | -           | F; R11                      | F; Xi                                      |                                                                                     |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                  | EG-Nummer | CAS-Nummer | Einstufung                        | Kennzeichnung                                                | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------------------------|-----------|------------|-----------------------------------|--------------------------------------------------------------|-----------------------------------|-------------|
|              | methylpropyl) magnesium (3-15%), tetraethyl orthosilicate (5-15%) and titanium tetrachloride (5-20%)                  |           |            | Xi; R37/38-41<br><br>R52-53       | R: 11-37/38-41-52/53<br><br>S: (2-)6-26-36/39-61             |                                   |             |
| 014-044-00-3 | 3-[(4'-acetoxy-3'-methoxyphenyl)propyl]trimethoxysilane                                                               | 433-050-0 | -          | N; R51-53                         | N<br><br>R: 51/53<br><br>S: 61                               |                                   |             |
| 014-045-00-9 | magnesium sodium fluoride silicate                                                                                    | 442-650-1 | -          | Xn; R48/20                        | Xn<br><br>R: 48/20<br><br>S: (2-)22-36                       |                                   |             |
| 015-113-00-0 | tolclofos-methyl (ISO);<br><br><i>O</i> -(2,6-dichloro- <i>p</i> -tolyl)- <i>O</i> , <i>O</i> -dimethyl thiophosphate | 260-515-3 | 57018-04-9 | R43<br><br>N; R50-53              | Xi; N<br><br>R: 43-50/53<br><br>S: (2-)24-37-60-61           |                                   |             |
| 015-182-00-7 | tetraisopropyldichloromethylenbisphosphonate                                                                          | 430-630-5 | 10596-22-2 | Xn; R22<br><br>Xi; R36<br><br>R43 | Xn<br><br>R: 22-36-43<br><br>S: (2-)24-26-37                 |                                   |             |
| 015-183-00-2 | (1-hydroxydodecylidene)diphosphonic acid                                                                              | 425-230-2 | 16610-63-2 | C; R34<br><br>N; R50-53           | C; N<br><br>R: 34-50/53<br><br>S: (1/2-)26-36/37/39-45-60-61 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                   | EG-Nummer | CAS-Nummer  | Einstufung                             | Kennzeichnung                                             | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------------------------------|-----------------------------------------------------------|-----------------------------------|-------------|
| 015-188-00-X | (1-methylethylidene)di-4,1-phenylenetetraphenyl diphosphate                                                                                            | 425-220-8 | 5945-33-5   | R53                                    | R: 53<br>S: 61                                            |                                   |             |
| 015-190-00-0 | bis(2,4-dicumylphenyl) neopentyl diphosphite;<br><br>3,9-bis[2,4-bis(1-methyl-1-phenylethyl)phenoxy]-2,4,8,10-tetraoxa-3,9-diphosphaspiro[5.5]undecane | 421-920-2 | 154862-43-8 | R53                                    | R: 53<br>S: 61                                            |                                   |             |
| 015-191-00-6 | dodecyldiphenyl phosphate                                                                                                                              | 431-760-5 | 27460-02-2  | Xi; R38<br><br>R52-53                  | Xi<br><br>R: 38-52/53<br><br>S: (2-)37-61                 |                                   |             |
| 015-192-00-1 | tetrakis(2,6-dimethylphenyl)- <i>m</i> -phenylene biphosphate                                                                                          | 432-770-2 | 139189-30-3 | R43<br><br>R53                         | Xi<br><br>R: 43-53<br><br>S: (2-)24-37-61                 |                                   |             |
| 015-193-00-7 | triphenyl(phenylmethyl)phosphonium 1,1,2,2,3,3,3,4,4,4-nonafluoro- <i>N</i> -methyl-1-butanesulfonamide (1:1)                                          | 442-960-7 | 332350-93-3 | T; R25<br><br>Xi; R41<br><br>N; R50-53 | T; N<br><br>R: 25-41-50/53<br><br>S: (1/2-)26-39-45-60-61 |                                   |             |
| 015-194-00-2 | tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate                                                                                                   | 444-440-5 | 220689-12-3 | Xn; R22<br><br>R52-53                  | Xn<br><br>R: 22-52/53                                     |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                      | EG-Nummer | CAS-Nummer  | Einstufung                                                      | Kennzeichnung                                                        | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-----------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                                                                                                           |           |             |                                                                 | S: (2-)61                                                            |                                   |             |
| 015-195-00-8 | reaction mass of: potassium <i>o</i> -toluenephosphonate;<br><br>potassium <i>m</i> -toluenephosphonate;<br><br>potassium <i>p</i> -toluenephosphonate                                                    | 433-860-4 | -           | Xi; R36<br><br>R43<br><br>R52-53                                | Xi<br><br>R: 36-43-52/53<br><br>S: (2-)24-26-37-61                   |                                   |             |
| 015-196-00-3 | reaction mass of: dimethyl (2-(hydroxymethylcarbamoyl)ethyl) phosphonate;<br><br>diethyl (2-(hydroxymethylcarbamoyl)ethyl) phosphonate;<br><br>methyl ethyl (2-(hydroxymethylcarbamoyl)ethyl) phosphonate | 435-960-3 | -           | Carc.Cat.2; R45<br><br>Muta.Cat.2; R46<br><br>R43               | T<br><br>R: 45-46-43<br><br>S: 53-45                                 |                                   |             |
| 015-197-00-9 | bis(2,4,4-trimethylpentyl)dithiophosphonic acid                                                                                                                                                           | 420-160-9 | 107667-02-7 | R10<br><br>T; R23<br><br>Xn; R22<br><br>C; R34<br><br>N; R51-53 | T; N<br><br>R: 10-22-23-34-51/53<br><br>S: (1/2-)9-26-36/37/39-45-61 |                                   |             |
| 015-198-00-4 | (4-phenylbutyl)phosphinic acid                                                                                                                                                                            | 420-450-5 | 86552-32-1  | Carc.Cat.3; R40<br><br>Xi; R41                                  | Xn<br><br>R: 40-41                                                   |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                               | EG-Nummer | CAS-Nummer  | Einstufung                                                   | Kennzeichnung                                                   | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                                                                                                                    |           |             |                                                              | S: (2-)23-26-36/37/39                                           |                                   |             |
| 016-092-00-0 | reaction mass of: 4,7-bis(mercaptomethyl)-3,6,9-trithia-1,11-undecanedithiol;<br><br>4,8-bis(mercaptomethyl)-3,6,9-trithia-1,11-undecanedithiol;<br><br>5,7-bis(mercaptomethyl)-3,6,9-trithia-1,11-undecanedithiol | 427-050-1 | -           | Repr. Cat. 3; R62<br><br>Xi; R38<br><br>R43<br><br>N; R50-53 | Xn; N<br><br>R: 38-43-62-50/53<br><br>S: (2-)36/37-60-61        |                                   |             |
| 016-094-00-1 | sulfur                                                                                                                                                                                                             | 231-722-6 | 7704-34-9   | Xi; R38                                                      | Xi<br><br>R: 38<br><br>S: (2-)46                                |                                   |             |
| 016-097-00-8 | 1-amino-2-methyl-2-propanethiol hydrochloride                                                                                                                                                                      | 434-480-1 | 32047-53-3  | Xn; R22<br><br>C; R34<br><br>R43<br><br>R52-53               | C<br><br>R: 22-34-43-52/53<br><br>S: (1/2-)22-26-36/37/39-45-61 |                                   |             |
| 017-009-01-8 | ammonium perchlorate;<br><br>[containing < 80 % of 0-30 µm particles]                                                                                                                                              | 232-235-1 | 7790-98-9   | E; R2<br><br>O; R9                                           | E<br><br>R: 2-9<br><br>S: (2-)14-16-36/37                       |                                   | T           |
| 017-023-00-7 | [phosphinyldynetris(oxy)] tris[3-aminopropyl-2-hydroxy- <i>N,N</i> -dimethyl- <i>N</i> -(C <sub>6-18</sub> )-alkyl] trichlorides                                                                                   | 425-520-9 | 197179-61-6 | Xi; R41<br><br>N; R50-53                                     | Xi; N<br><br>R: 41-50/53                                        |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                       | EG-Nummer | CAS-Nummer  | Einstufung                                 | Kennzeichnung                                                       | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------------------------------|---------------------------------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                                                            |           |             |                                            | S: (2-)26-39-60-61                                                  |                                   |             |
| 022-004-00-1 | potassium titanium oxide<br>(K <sub>2</sub> Ti <sub>6</sub> O <sub>13</sub> )                                                                              | 432-240-0 | 12056-51-8  | Carc.Cat.3; R40                            | Xn<br><br>R: 40<br><br>S: (2-)22-36/37                              |                                   |             |
| 022-005-00-7 | [N-(1,1-dimethylethyl)-1,1-dimethyl-1-[(1,2,3,4,5-η)-2,3,4,5-tetramethyl-2,4-cyclopentadien-1-yl]silanaminato(2-)-κN][(1,2,3,4-η)-1,3-pentadiene]-titanium | 419-840-8 | 169104-71-6 | F; R11<br><br>C; R34<br><br>R43<br><br>R53 | F; C<br><br>R: 11-34-43-53<br><br>S: (1/2-)6-9-16-26-36/37/39-45-61 |                                   |             |
| 024-021-00-X | potassium tetrasodium bis[(N,N'-n)-1'-(phenylcarbamoyl)-3,5-disulfonatobenzeneazo-1'-prop-1'-ene-2,2'-diolato]chromate(III)                                | 425-830-4 | -           | Xi; R41                                    | Xi<br><br>R: 41<br><br>S: (2-)22-26-39                              |                                   |             |
| 026-003-00-7 | iron (II) sulfate                                                                                                                                          | 231-753-5 | 7720-78-7   | Xn; R22<br><br>Xi; R36/38                  | Xn<br><br>R: 22-36/38<br><br>S: (2-)46                              |                                   |             |
| 026-003-01-4 | iron (II) sulfate (1:1) heptahydrate;<br><br>sulfuric acid, iron(II) salt (1:1), heptahydrate;<br><br>ferrous sulfate heptahydrate                         | 231-753-5 | 7782-63-0   | Xn; R22<br><br>Xi; R36/38                  | Xn<br><br>R: 22-36/38<br><br>S: (2-)46                              | Xi; R38: C ≥ 25 %                 |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                              | EG-Nummer | CAS-Nummer | Einstufung                                                                                         | Kennzeichnung                                             | Spezifische Konzentrationsgrenzen                                                                                                                            | Anmerkungen |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| 026-004-00-2 | potassium ferrite                                                                                                                                 | 430-010-4 | 12160-44-0 | C; R34<br><br>R43                                                                                  | C<br><br>R: 34-43<br><br>S: (1/2-)22-26-36/37/39-40-45    |                                                                                                                                                              |             |
| 027-006-00-6 | cobalt acetate                                                                                                                                    | 200-755-8 | 71-48-7    | Carc. Cat. 2; R49<br><br>Muta. Cat. 3; R68<br><br>Repr. Cat. 2; R60<br><br>R42/43<br><br>N; R50-53 | T; N<br><br>R: 49-60-42/43-68-50/53<br><br>S: 53-45-60-61 | Carc. Cat. 2; R49: $C \geq 0,01 \%$<br><br>N; R50-53: $C \geq 2,5 \%$<br><br>N; R51-53: $0,25 \% \leq C < 2,5 \%$<br><br>R52-53: $0,025 \% \leq C < 0,25 \%$ | 1           |
| 027-007-00-1 | zinc hexacyanocobaltate(III),<br>tertiary butyl<br>alcohol/polypropylene glycol<br>complex                                                        | 425-240-7 | -          | Xi; R41<br><br>N; R51-53                                                                           | Xi; N<br><br>R: 41-51/53<br><br>S: (2-)22-26-39-61        |                                                                                                                                                              |             |
| 027-008-00-7 | complex of cobalt(III)-bis( <i>N</i> -phenyl-4-(5-ethylsulfonyl-2-hydroxyphenylazo)-3-hydroxynaphthylamide), hydrated (n H <sub>2</sub> O, 2<n<3) | 427-390-9 | -          | R43                                                                                                | Xi<br><br>R: 43<br><br>S: (2-)24-37                       |                                                                                                                                                              |             |
| 027-009-00-2 | cobalt nitrate                                                                                                                                    | 233-402-1 | 10141-05-6 | Carc. Cat. 2; R49<br><br>Muta. Cat. 3; R68<br><br>Repr. Cat. 2; R60<br><br>R42/43                  | T; N<br><br>R: 49-60-42/43-68-50/53<br><br>S: 53-45-60-61 | Carc. Cat. 2; R49: $C \geq 0,01 \%$<br><br>N; R50-53: $C \geq 2,5 \%$<br><br>N; R51-53: $0,25 \% \leq C < 2,5 \%$                                            | 1           |

| Index-Nr.    | Internationale chemische Bezeichnung         | EG-Nummer | CAS-Nummer | Einstufung                                                                                          | Kennzeichnung                                                    | Spezifische Konzentrationsgrenzen                                                                                          | Anmerkungen |
|--------------|----------------------------------------------|-----------|------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------|
|              |                                              |           |            | N; R50-53                                                                                           |                                                                  | R52-53: 0,025 % ≤ C < 0,25 %                                                                                               |             |
| 027-010-00-8 | cobalt carbonate                             | 208-169-4 | 513-79-1   | Carc. Cat. 2; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R60<br>R42/43<br>N; R50-53                  | T; N<br>R: 49-60-42/43-68-50/53<br>S: 53-45-60-61                | Carc. Cat. 2; R49: C ≥ 0,01 %<br><br>N; R50-53: C ≥ 2,5 %<br>N; R51-53: 0,25 % ≤ C < 2,5 %<br>R52-53: 0,025 % ≤ C < 0,25 % | 1           |
| 028-002-01-4 | nickel powder;<br>[particle diameter < 1 mm] | 231-111-4 | 7440-02-0  | Carc. Cat. 3; R40<br>T; R48/23<br>R43<br>R52-53                                                     | T<br>R: 40-43-48/23-52/53<br>S: (2-)36/37/39-45-61               |                                                                                                                            |             |
| 028-011-00-6 | nickel dichloride                            | 231-743-0 | 7718-54-9  | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R23/25-48/23<br>Xi; R38<br>R42/43 | T; N<br>R: 49-61-23/25-38-42/43-48/23-68-50/53<br>S: 53-45-60-61 | T; R48/23: C ≥ 1 %<br>Xn; R48/20: 0,1 % ≤ C < 1 %<br><br>Xi; R38: C ≥ 20 %<br><br>R43: C ≥ 0,01 %                          | E           |

| Index-Nr.    | Internationale chemische Bezeichnung                  | EG-Nummer                      | CAS-Nummer                       | Einstufung                                                                                                                                                           | Kennzeichnung                                                                    | Spezifische Konzentrationsgrenzen                                                                                                                                                                                                          | Anmerkungen |
|--------------|-------------------------------------------------------|--------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
|              |                                                       |                                |                                  | N; R50-53                                                                                                                                                            |                                                                                  | N; R50-53: $C \geq 25 \%$<br>N; R51-53: $2,5 \% \leq C < 25 \%$<br>R52-53: $0,25 \% \leq C < 2,5 \%$                                                                                                                                       |             |
| 028-012-00-1 | nickel dinitrate; [1]<br>nitric acid, nickel salt [2] | 236-068-5 [1]<br>238-076-4 [2] | 13138-45-9 [1]<br>14216-75-2 [2] | O; R8<br><br>Carc. Cat. 1; R49<br><br>Muta. Cat. 3; R68<br><br>Repr. Cat. 2; R61<br><br>T; R48/23<br><br>Xn; R20/22<br><br>Xi; R38-41<br><br>R42/43<br><br>N; R50-53 | O; T; N<br><br>R: 49-61-8-20/22-38-41-42/43-48/23-68-50/53<br><br>S: 53-45-60-61 | T; R48/23: $C \geq 1 \%$<br><br>Xn; R48/20: $0,1 \% \leq C < 1 \%$<br><br>Xi; R38: $C \geq 20 \%$<br><br>R43: $C \geq 0,01 \%$<br><br>N; R50-53: $C \geq 25 \%$<br>N; R51-53: $2,5 \% \leq C < 25 \%$<br>R52-53: $0,25 \% \leq C < 2,5 \%$ | E           |
| 028-013-00-7 | nickel matte                                          | 273-749-6                      | 69012-50-6                       | Carc. Cat. 1; R49<br><br>T; R48/23<br><br>R43                                                                                                                        | T; N<br><br>R: 49-43-48/23-50/53<br><br>S: 53-45-60-61                           |                                                                                                                                                                                                                                            | E H         |

| Index-Nr.    | Internationale chemische Bezeichnung                                           | EG-Nummer | CAS-Nummer | Einstufung                                                                                                               | Kennzeichnung                                                    | Spezifische Konzentrationsgrenzen                                                                                                                                                                      | Anmerkungen |
|--------------|--------------------------------------------------------------------------------|-----------|------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
|              |                                                                                |           |            | N; R50-53                                                                                                                |                                                                  |                                                                                                                                                                                                        |             |
| 028-014-00-2 | slimes and sludges, copper electrolytic refining, decopperised, nickel sulfate | 295-859-3 | 92129-57-2 | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>Xn; R20/22<br>Xi; R38<br>R42/43<br>N; R50-53 | T; N<br>R: 49-61-20/22-38-42/43-48/23-68-50/53<br>S: 53-45-60-61 | T R48/23: $C \geq 1 \%$<br>Xn; R48/20: $0,1 \% \leq C < 1 \%$<br><br>R43: $C \geq 0,01 \%$<br><br>N; R50-53: $C \geq 25 \%$<br>N; R51-53: $2,5 \% \leq C < 25 \%$<br>R52-53: $0,25 \% \leq C < 2,5 \%$ | E           |
| 028-015-00-8 | slimes and sludges, copper electrolyte refining, decopperised                  | 305-433-1 | 94551-87-8 | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 1; R61<br>Repr. Cat. 3; R62<br>T; R48/23<br>R42/43<br>N; R50-53     | T; N<br>R: 49-61-42/43-48/23-62-68-50/53<br>S: 53-45-60-61       |                                                                                                                                                                                                        | E H         |

| Index-Nr.    | Internationale chemische Bezeichnung                                           | EG-Nummer                          | CAS-Nummer                           | Einstufung                                                                                                                            | Kennzeichnung                                                         | Spezifische Konzentrationsgrenzen                                                                                                                                                                                                                    | Anmerkungen |
|--------------|--------------------------------------------------------------------------------|------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| 028-016-00-3 | nickel diperchlorate;<br><br>perchloric acid, nickel(II) salt                  | 237-124-1                          | 13637-71-3                           | Carc. Cat. 1; R49<br><br>Muta. Cat. 3; R68<br><br>Repr. Cat. 2; R61<br><br>T; R48/23<br><br>C; R34<br><br>R42/43<br><br>N; R50-53     | T; N<br><br>R: 49-61-34-42/43-48/23-68-50/53<br><br>S: 53-45-60-61    | T R48/23: C ≥ 1 %<br><br>Xn; R48/20: 0,1 % ≤ C < 1 %<br><br>C; R34: C ≥ 5 %:<br><br>Xi; R36/38: 1 % ≤ C < 5 %<br><br><br><br>R43: C ≥ 0,01 %<br><br><br><br>N; R50-53: C ≥ 25 %<br><br>N; R51-53: 2,5 % ≤ C < 25 %<br><br>R52-53: 0,25 % ≤ C < 2,5 % | E H         |
| 028-017-00-9 | nickel dipotassium bis(sulfate); [1]<br><br>diammonium nickel bis(sulfate) [2] | 237-563-9 [1]<br><br>239-793-2 [2] | 13842-46-1 [1]<br><br>15699-18-0 [2] | Carc. Cat. 1; R49<br><br>Muta. Cat. 3; R68<br><br>Repr. Cat. 2; R61<br><br>T; R48/23<br><br>Xn; R20/22<br><br>R42/43<br><br>N; R50-53 | T; N<br><br>R: 49-61-20/22-42/43-48/23-68-50/53<br><br>S: 53-45-60-61 | T R48/23: C ≥ 1 %:<br><br>Xn; R48/20: 0,1 % ≤ C < 1 %<br><br><br><br>R43: C ≥ 0,01 %<br><br><br><br>N; R50-53: C ≥ 25 %<br><br>N; R51-53: 2,5 % ≤ C < 25 %<br><br>R52-53: 0,25 % ≤ C < 2,5 %                                                         | E H         |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                  | EG-Nummer                                               | CAS-Nummer                                                | Einstufung                                                                                                          | Kennzeichnung                                                   | Spezifische Konzentrationsgrenzen                                                                                                                                                                                                  | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| 028-018-00-4 | nickel bis(sulfamidate);<br><br>nickel sulfamate                                                      | 237-396-1                                               | 13770-89-3                                                | Carc. Cat. 1; R49<br><br>Muta. Cat. 3; R68<br><br>Repr. Cat. 2; R61<br><br>T; R48/23<br><br>R42/43<br><br>N; R50-53 | T; N<br><br>R: 49-61-42/43-48/23-68-50/53<br><br>S: 53-45-60-61 | T R48/23: $C \geq 1 \%$<br><br>Xn; R48/20: $0,1 \% \leq C < 1 \%$<br><br><br><br>R43: $C \geq 0,01 \%$<br><br><br><br>N; R50-53: $C \geq 25 \%$<br><br>N; R51-53: $2,5 \% \leq C < 25 \%$<br><br>R52-53: $0,25 \% \leq C < 2,5 \%$ | E H         |
| 028-019-00-X | nickel bis(tetrafluoroborate)                                                                         | 238-753-4                                               | 14708-14-6                                                | Carc. Cat. 1; R49<br><br>Muta. Cat. 3; R68<br><br>Repr. Cat. 2; R61<br><br>T; R48/23<br><br>R42/43<br><br>N; R50-53 | T; N<br><br>R: 49-61-42/43-48/23-68-50/53<br><br>S: 53-45-60-61 | T R48/23: $C \geq 1 \%$<br><br>Xn; R48/20: $0,1 \% \leq C < 1 \%$<br><br><br><br>R43: $C \geq 0,01 \%$<br><br><br><br>N; R50-53: $C \geq 25 \%$<br><br>N; R51-53: $2,5 \% \leq C < 25 \%$<br><br>R52-53: $0,25 \% \leq C < 2,5 \%$ | E H         |
| 028-021-00-0 | nickel diformate; [1]<br><br>formic acid, nickel salt; [2]<br><br>formic acid, copper nickel salt [3] | 222-101-0 [1]<br><br>239-946-6 [2]<br><br>268-755-0 [3] | 3349-06-2 [1]<br><br>15843-02-4 [2]<br><br>68134-59-8 [3] | Carc. Cat. 1; R49<br><br>Muta. Cat. 3; R68<br><br>Repr. Cat. 2; R61                                                 | T; N<br><br>R: 49-61-42/43-48/23-68-50/53<br><br>S: 53-45-60-61 | T R48/23: $C \geq 1 \%$<br><br>Xn; R48/20: $0,1 \% \leq C < 1 \%$                                                                                                                                                                  | E H         |

| Index-Nr.    | Internationale chemische Bezeichnung              | EG-Nummer                          | CAS-Nummer                         | Einstufung                                                                                                                            | Kennzeichnung                                                         | Spezifische Konzentrationsgrenzen                                                                                                                                                                                    | Anmerkungen |
|--------------|---------------------------------------------------|------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
|              |                                                   |                                    |                                    | T; R48/23<br><br>R42/43<br><br>N; R50-53                                                                                              |                                                                       | R43: $C \geq 0,01 \%$<br><br>N; R50-53: $C \geq 25 \%$<br><br>N; R51-53: $2,5 \% \leq C < 25 \%$<br><br>R52-53: $0,25 \% \leq C < 2,5 \%$                                                                            |             |
| 028-022-00-6 | nickel di(acetate); [1]<br><br>nickel acetate [2] | 206-761-7 [1]<br><br>239-086-1 [2] | 373-02-4 [1]<br><br>14998-37-9 [2] | Carc. Cat. 1; R49<br><br>Muta. Cat. 3; R68<br><br>Repr. Cat. 2; R61<br><br>T; R48/23<br><br>Xn; R20/22<br><br>R42/43<br><br>N; R50-53 | T; N<br><br>R: 49-61-20/22-42/43-48/23-68-50/53<br><br>S: 53-45-60-61 | T R48/23: $C \geq 1 \%$ :<br><br>Xn; R48/20: $0,1 \% \leq C < 1 \%$<br><br>R43: $C \geq 0,01 \%$<br><br>N; R50-53: $C \geq 25 \%$<br><br>N; R51-53: $2,5 \% \leq C < 25 \%$<br><br>R52-53: $0,25 \% \leq C < 2,5 \%$ | E H         |
| 028-024-00-7 | nickel dibenzoate                                 | 209-046-8                          | 553-71-9                           | Carc. Cat. 1; R49<br><br>Muta. Cat. 3; R68<br><br>Repr. Cat. 2; R61<br><br>T; R48/23<br><br>R42/43<br><br>N; R50-53                   | T; N<br><br>R: 49-61-42/43-48/23-68-50/53<br><br>S: 53-45-60-61       | T R48/23: $C \geq 1 \%$ :<br><br>Xn; R48/20: $0,1 \% \leq C < 1 \%$<br><br>R43: $C \geq 0,01 \%$<br><br>N; R50-53: $C \geq 25 \%$                                                                                    | E H         |

| Index-Nr.    | Internationale chemische Bezeichnung             | EG-Nummer | CAS-Nummer | Einstufung                                                                                      | Kennzeichnung                                           | Spezifische Konzentrationsgrenzen                                                                                                                                                                        | Anmerkungen |
|--------------|--------------------------------------------------|-----------|------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
|              |                                                  |           |            |                                                                                                 |                                                         | N; R51-53: $2,5 \% \leq C < 25 \%$<br>R52-53: $0,25 \% \leq C < 2,5 \%$                                                                                                                                  |             |
| 028-025-00-2 | nickel bis(4-cyclohexylbutyrate)                 | 223-463-2 | 3906-55-6  | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>R42/43<br>N; R50-53 | T; N<br>R: 49-61-42/43-48/23-68-50/53<br>S: 53-45-60-61 | T R48/23: $C \geq 1 \%$ :<br>Xn; R48/20: $0,1 \% \leq C < 1 \%$<br><br>R43: $C \geq 0,01 \%$<br><br>N; R50-53: $C \geq 25 \%$<br>N; R51-53: $2,5 \% \leq C < 25 \%$<br>R52-53: $0,25 \% \leq C < 2,5 \%$ |             |
| 028-026-00-8 | nickel(II) stearate;<br>nickel(II) octadecanoate | 218-744-1 | 2223-95-2  | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>R42/43<br>N; R50-53 | T; N<br>R: 49-61-42/43-48/23-68-50/53<br>S: 53-45-60-61 | T R48/23: $C \geq 1 \%$ :<br>Xn; R48/20: $0,1 \% \leq C < 1 \%$<br><br>R43: $C \geq 0,01 \%$<br><br>N; R50-53: $C \geq 25 \%$<br>N; R51-53: $2,5 \% \leq C < 25 \%$<br>R52-53: $0,25 \% \leq C < 2,5 \%$ | E U         |
| 028-027-00-3 | nickel dilactate                                 | -         | 16039-61-5 | Carc. Cat. 1; R49                                                                               | T; N                                                    | T R48/23: $C \geq 1 \%$ :                                                                                                                                                                                | E H         |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                 | EG-Nummer                                                            | CAS-Nummer                                                                       | Einstufung                                                                                                                       | Kennzeichnung                                                         | Spezifische Konzentrationsgrenzen                                                                                                                                                    | Anmerkungen |
|--------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
|              |                                                                                                                      |                                                                      |                                                                                  | Muta. Cat. 3; R68<br><br>Repr. Cat. 2; R61<br><br>T; R48/23<br><br>R42/43<br><br>N; R50-53                                       | R: 49-61-42/43-48/23-68-50/53<br><br>S: 53-45-60-61                   | Xn; R48/20: 0,1 % ≤ C < 1 %<br><br><br>R43: C ≥ 0,01 %<br><br><br>N; R50-53: C ≥ 25 %<br><br>N; R51-53: 2,5 % ≤ C < 25 %<br><br>R52-53: 0,25 % ≤ C < 2,5 %                           |             |
| 028-028-00-9 | nickel(II) octanoate                                                                                                 | 225-656-7                                                            | 4995-91-9                                                                        | Carc. Cat. 1; R49<br><br>Muta. Cat. 3; R68<br><br>Repr. Cat 2; R61<br><br>T; R48/23<br><br>C; R35<br><br>R42/43<br><br>N; R50-53 | T; C; N<br><br>R: 49-61-35-42/43-48/23-68-50/53<br><br>S: 53-45-60-61 | T R48/23: C ≥ 1 %:<br><br>Xn; R48/20: 0,1 % ≤ C < 1 %<br><br><br>R43: C ≥ 0,01 %<br><br><br>N; R50-53: C ≥ 25 %<br><br>N; R51-53: 2,5 % ≤ C < 25 %<br><br>R52-53: 0,25 % ≤ C < 2,5 % | E H         |
| 028-029-00-4 | nickel difluoride; [1]<br><br>nickel dibromide; [2]<br><br>nickel diiodide; [3]<br><br>nickel potassium fluoride [4] | 233-071-3 [1]<br><br>236-665-0 [2]<br><br>236-666-6 [3]<br><br>- [4] | 10028-18-9 [1]<br><br>13462-88-9 [2]<br><br>13462-90-3 [3]<br><br>11132-10-8 [4] | Carc. Cat. 1; R49<br><br>Muta. Cat. 3; R68<br><br>Repr. Cat. 2; R61<br><br>T; R48/23                                             | T; N<br><br>R: 49-61-42/43-48/23-68-50/53<br><br>S: 53-45-60-61       | T R48/23: C ≥ 1 %:<br><br>Xn; R48/20: 0,1 % ≤ C < 1 %<br><br><br>R43: C ≥ 0,01 %                                                                                                     | E H         |

| Index-Nr.    | Internationale chemische Bezeichnung | EG-Nummer | CAS-Nummer | Einstufung                                                                                      | Kennzeichnung                                           | Spezifische Konzentrationsgrenzen                                                                                                                                                                        | Anmerkungen |
|--------------|--------------------------------------|-----------|------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
|              |                                      |           |            | R42/43<br>N; R50-53                                                                             |                                                         | N; R50-53: $C \geq 25 \%$<br>N; R51-53: $2,5 \% \leq C < 25 \%$<br>R52-53: $0,25 \% \leq C < 2,5 \%$                                                                                                     |             |
| 028-030-00-X | nickel hexafluorosilicate            | 247-430-7 | 26043-11-8 | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>R42/43<br>N; R50-53 | T; N<br>R: 49-61-42/43-48/23-68-50/53<br>S: 53-45-60-61 | T R48/23: $C \geq 1 \%$ :<br>Xn; R48/20: $0,1 \% \leq C < 1 \%$<br><br>R43: $C \geq 0,01 \%$<br><br>N; R50-53: $C \geq 25 \%$<br>N; R51-53: $2,5 \% \leq C < 25 \%$<br>R52-53: $0,25 \% \leq C < 2,5 \%$ | E H         |
| 028-031-00-5 | nickel selenate                      | 239-125-2 | 15060-62-5 | Carc. Cat. 1; R49<br>Muta. Cat. 3; R68<br>Repr. Cat. 2; R61<br>T; R48/23<br>R42/43<br>N; R50-53 | T; N<br>R: 49-61-42/43-48/23-68-50/53<br>S: 53-45-60-61 | T R48/23: $C \geq 1 \%$ :<br>Xn; R48/20: $0,1 \% \leq C < 1 \%$<br><br>R43: $C \geq 0,01 \%$<br><br>N; R50-53: $C \geq 25 \%$<br>N; R51-53: $2,5 \% \leq C < 25 \%$                                      | E H         |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                         | EG-Nummer                                                                                                            | CAS-Nummer                                                                                                                                   | Einstufung                                                        | Kennzeichnung                                                | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                                                                                                                                                                                              |                                                                                                                      |                                                                                                                                              |                                                                   |                                                              | R52-53: 0,25 % ≤ C < 2,5 %        |             |
| 028-032-00-0 | nickel hydrogen phosphate; [1]<br>nickel bis(dihydrogen phosphate); [2]<br>trinickel bis(orthophosphate); [3]<br>dinickel diphosphate; [4]<br>nickel bis(phosphinate); [5]<br>nickel phosphinate; [6]<br>phosphoric acid, calcium nickel salt; [7]<br>diphosphoric acid, nickel(II) salt [8] | 238-278-2 [1]<br>242-522-3 [2]<br>233-844-5 [3]<br>238-426-6 [4]<br>238-511-8 [5]<br>252-840-4 [6]<br>- [7]<br>- [8] | 14332-34-4 [1]<br>18718-11-1 [2]<br>10381-36-9 [3]<br>14448-18-1 [4]<br>14507-36-9 [5]<br>36026-88-7 [6]<br>17169-61-8 [7]<br>19372-20-4 [8] | Carc. Cat. 1; R49<br><br>T; R48/23<br><br>R42/43<br><br>N; R50-53 | T; N<br><br>R: 49-42/43-48/23-50/53<br><br>S: 53-45-60-61    |                                   | E H         |
| 028-033-00-6 | diammonium nickel hexacyanoferrate                                                                                                                                                                                                                                                           | -                                                                                                                    | 74195-78-1                                                                                                                                   | Carc. Cat. 1; R49<br><br>T; R48/23<br><br>R42/43<br><br>N; R50-53 | T; N<br><br>R: 49-42/43-48/23-50/53<br><br>S: 53-45-60-61    |                                   | E H         |
| 028-034-00-1 | nickel dicyanide                                                                                                                                                                                                                                                                             | 209-160-8                                                                                                            | 557-19-7                                                                                                                                     | Carc. Cat. 1; R49<br><br>T; R48/23<br><br>R42/43<br><br>R32       | T; N<br><br>R: 49-32-42/43-48/23-50/53<br><br>S: 53-45-60-61 |                                   | E H         |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                     | EG-Nummer                                                                         | CAS-Nummer                                                                             | Einstufung                                            | Kennzeichnung                                     | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                                                                                          |                                                                                   |                                                                                        | N; R50-53                                             |                                                   |                                   |             |
| 028-035-00-7 | nickel chromate                                                                                                                                                                          | 238-766-5                                                                         | 14721-18-7                                                                             | Carc. Cat. 1; R49<br>T; R48/23<br>R42/43<br>N; R50-53 | T; N<br>R: 49-42/43-48/23-50/53<br>S: 53-45-60-61 |                                   | E H         |
| 028-036-00-2 | nickel(II) silicate; [1]<br>dinickel orthosilicate; [2]<br>nickel silicate (3:4); [3]<br>silicic acid, nickel salt; [4]<br>trihydrogen hydroxybis[orthosilicato(4-)]trinickelate(3-) [5] | 244-578-4 [1]<br>237-411-1 [2]<br>250-788-7 [3]<br>253-461-7 [4]<br>235-688-3 [5] | 21784-78-1 [1]<br>13775-54-7 [2]<br>31748-25-1 [3]<br>37321-15-6 [4]<br>12519-85-6 [5] | Carc. Cat. 1; R49<br>T; R48/23<br>R43<br>N; R50-53    | T; N<br>R: 49-43-48/23-50/53<br>S: 53-45-60-61    |                                   | E H         |
| 028-037-00-8 | dinickel hexacyanoferrate                                                                                                                                                                | 238-946-3                                                                         | 14874-78-3                                                                             | Carc. Cat. 1; R49<br>T; R48/23<br>R43<br>N; R50-53    | T; N<br>R: 49-43-48/23-50/53<br>S: 53-45-60-61    |                                   | E H         |
| 028-038-00-3 | trinickel bis(arsenate);                                                                                                                                                                 | 236-771-7                                                                         | 13477-70-8                                                                             | Carc. Cat. 1; R45                                     | T; N                                              |                                   | E H         |

| Index-Nr.    | Internationale chemische Bezeichnung                | EG-Nummer                      | CAS-Nummer                     | Einstufung                                         | Kennzeichnung                                  | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-----------------------------------------------------|--------------------------------|--------------------------------|----------------------------------------------------|------------------------------------------------|-----------------------------------|-------------|
|              | nickel(II) arsenate                                 |                                |                                | T; R48/23<br>R43<br>N; R50-53                      | R: 45-43-48/23-50/53<br>S: 53-45-60-61         |                                   |             |
| 028-039-00-9 | nickel oxalate; [1]<br>oxalic acid, nickel salt [2] | 208-933-7 [1]<br>243-867-2 [2] | 547-67-1 [1]<br>20543-06-0 [2] | Carc. Cat. 1; R49<br>T; R48/23<br>R43<br>N: R50-53 | T; N<br>R: 49-43-48/23-50/53<br>S: 53-45-60-61 |                                   | E H         |
| 028-040-00-4 | nickel telluride                                    | 235-260-6                      | 12142-88-0                     | Carc. Cat. 1; R49<br>T; R48/23<br>R43<br>N; R50-53 | T; N<br>R: 49-43-48/23-50/53<br>S: 53-45-60-61 |                                   | E H         |
| 028-041-00-X | trinickel tetrasulfide                              | -                              | 12137-12-1                     | Carc. Cat. 1; R49<br>T; R48/23<br>R43<br>N; R50-53 | T; N<br>R: 49-43-48/23-50/53<br>S: 53-45-60-61 |                                   | E H         |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                | EG-Nummer                                       | CAS-Nummer                                                 | Einstufung                                                     | Kennzeichnung                                          | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------|-----------------------------------|-------------|
| 028-042-00-5 | trinickel bis(arsenite)                                                                                                                             | -                                               | 74646-29-0                                                 | Carc. Cat. 1; R49<br><br>T; R48/23<br><br>R43<br><br>N; R50-53 | T; N<br><br>R: 49-43-48/23-50/53<br><br>S: 53-45-60-61 |                                   | E H         |
| 028-043-00-0 | cobalt nickel gray periclase;<br><br>C.I. Pigment Black 25;<br><br>C.I. 77332; [1]<br><br>cobalt nickel dioxide; [2]<br><br>cobalt nickel oxide [3] | 269-051-6 [1]<br><br>261-346-8 [2]<br><br>- [3] | 68186-89-0 [1]<br><br>58591-45-0 [2]<br><br>12737-30-3 [3] | Carc. Cat. 1; R49<br><br>T; R48/23<br><br>R43                  | T<br><br>R: 49-43-48/23<br><br>S: 53-45                |                                   | E H         |
| 028-044-00-6 | nickel tin trioxide;<br><br>nickel stannate                                                                                                         | 234-824-9                                       | 12035-38-0                                                 | Carc. Cat. 1; R49<br><br>T; R48/23<br><br>R43                  | T<br><br>R: 49-43-48/23<br><br>S: 53-45                |                                   | E H         |
| 028-045-00-1 | nickel triuranium decaoxide                                                                                                                         | 239-876-6                                       | 15780-33-3                                                 | Carc. Cat. 1; R49<br><br>T; R48/23<br><br>R43                  | T<br><br>R: 49-43-48/23<br><br>S: 53-45                |                                   | E H         |
| 028-046-00-7 | nickel dithiocyanate                                                                                                                                | 237-205-1                                       | 13689-92-4                                                 | Carc. Cat. 1; R49                                              | T; N                                                   | T R48/23: C $\geq$ 1 %:           | E H         |

| Index-Nr.    | Internationale chemische Bezeichnung | EG-Nummer | CAS-Nummer | Einstufung                                                                                                          | Kennzeichnung                                                   | Spezifische Konzentrationsgrenzen                                                                                                                                                                                    | Anmerkungen |
|--------------|--------------------------------------|-----------|------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
|              |                                      |           |            | Muta. Cat. 3; R68<br><br>Repr. Cat. 2; R61<br><br>T; R48/23<br><br>R42/43<br><br>R32<br><br>N; R50-53               | R: 49-61-32-42/43-48/23-68-50/53<br><br>S: 53-45-60-61          | Xn; R48/20: $0,1 \% \leq C < 1 \%$<br><br>R43: $C \geq 0,01 \%$<br><br>N; R50-53: $C \geq 25 \%$<br><br>N; R51-53: $2,5 \% \leq C < 25 \%$<br><br>R52-53: $0,25 \% \leq C < 2,5 \%$                                  |             |
| 028-047-00-2 | nickel dichromate                    | 239-646-5 | 15586-38-6 | Carc. Cat. 1; R49<br><br>Muta. Cat. 3; R68<br><br>Repr. Cat. 2; R61<br><br>T; R48/23<br><br>R42/43<br><br>N; R50-53 | T; N<br><br>R: 49-61-42/43-48/23-68-50/53<br><br>S: 53-45-60-61 | T R48/23: $C \geq 1 \%$ :<br><br>Xn; R48/20: $0,1 \% \leq C < 1 \%$<br><br>R43: $C \geq 0,01 \%$<br><br>N; R50-53: $C \geq 25 \%$<br><br>N; R51-53: $2,5 \% \leq C < 25 \%$<br><br>R52-53: $0,25 \% \leq C < 2,5 \%$ | E H         |
| 028-048-00-8 | nickel(II) selenite                  | 233-263-7 | 10101-96-9 | Carc. Cat. 1; R49<br><br>T; R48/23<br><br>R42/43<br><br>N; R50-53                                                   | T; N<br><br>R: 49-42/43-48/23-50/53<br><br>S: 53-45-60-61       |                                                                                                                                                                                                                      | E H         |

| Index-Nr.    | Internationale chemische Bezeichnung              | EG-Nummer                          | CAS-Nummer                           | Einstufung                                                                                                       | Kennzeichnung                                                | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|---------------------------------------------------|------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------|-------------|
| 028-049-00-3 | nickel selenide                                   | 215-216-2                          | 1314-05-2                            | Carc. Cat. 1; R49<br><br>T; R48/23<br><br>R43<br><br>N; R50-53                                                   | T; N<br><br>R: 49-43-48/23-50/53<br><br>S: 53-45-60-61       |                                   | E H         |
| 028-050-00-9 | silicic acid, lead nickel salt                    | -                                  | 68130-19-8                           | Carc. Cat. 1: R49<br><br>Repr. Cat. 1: R61<br><br>Repr. Cat. 3; R62<br><br>T; R48/23<br><br>R43<br><br>N; R50-53 | T; N<br><br>R: 49-61-43-48/23-62-50/53<br><br>S: 53-45-60-61 |                                   | E H         |
| 028-051-00-4 | nickel diarsenide; [1]<br><br>nickel arsenide [2] | 235-103-1 [1]<br><br>248-169-1 [2] | 12068-61-0 [1]<br><br>27016-75-7 [2] | Carc. Cat. 1; R49<br><br>T; R48/23<br><br>R43<br><br>N; R50-53                                                   | T; N<br><br>R: 49-43-48/23-50/53<br><br>S: 53-45-60-61       |                                   | E H         |
| 028-052-00-X | nickel barium titanium primrose priderite;        | 271-853-6                          | 68610-24-2                           | Carc. Cat. 1: R49                                                                                                | T                                                            |                                   | E H         |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                      | EG-Nummer                                                                                                                                                        | CAS-Nummer                                                                                                                                                            | Einstufung                                                                                                          | Kennzeichnung                                                   | Spezifische Konzentrationsgrenzen                                                                                                                                                                                                  | Anmerkungen |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
|              | C.I. Pigment Yellow 157;<br><br>C.I. 77900                                                                                                                                                                                                                                                                                |                                                                                                                                                                  |                                                                                                                                                                       | T; R48/23<br><br>R43                                                                                                | R: 49-43-48/23<br><br>S: 53-45                                  |                                                                                                                                                                                                                                    |             |
| 028-053-00-5 | nickel dichlorate; [1]<br><br>nickel dibromate; [2]<br><br>ethyl hydrogen sulfate, nickel(II) salt [3]                                                                                                                                                                                                                    | 267-897-0 [1]<br><br>238-596-1 [2]<br><br>275-897-7 [3]                                                                                                          | 67952-43-6 [1]<br><br>14550-87-9 [2]<br><br>71720-48-4 [3]                                                                                                            | Carc. Cat. 1; R49<br><br>Muta. Cat. 3; R68<br><br>Repr. Cat. 2; R61<br><br>T; R48/23<br><br>R42/43<br><br>N; R50-53 | T; N<br><br>R: 49-61-42/43-48/23-68-50/53<br><br>S: 53-45-60-61 | T R48/23: $C \geq 1 \%$<br><br>Xn; R48/20: $0,1 \% \leq C < 1 \%$<br><br><br><br>R43: $C \geq 0,01 \%$<br><br><br><br>N; R50-53: $C \geq 25 \%$<br><br>N; R51-53: $2,5 \% \leq C < 25 \%$<br><br>R52-53: $0,25 \% \leq C < 2,5 \%$ | E H         |
| 028-054-00-0 | nickel(II) trifluoroacetate; [1]<br><br>nickel(II) propionate; [2]<br><br>nickel bis(benzenesulfonate); [3]<br><br>nickel(II) hydrogen citrate; [4]<br><br>citric acid, ammonium nickel salt; [5]<br><br>citric acid, nickel salt; [6]<br><br>nickel bis(2-ethylhexanoate); [7]<br><br>2-ethylhexanoic acid, nickel salt; | 240-235-8 [1]<br><br>222-102-6 [2]<br><br>254-642-3 [3]<br><br>242-533-3 [4]<br><br>242-161-1 [5]<br><br>245-119-0 [6]<br><br>224-699-9 [7]<br><br>231-480-1 [8] | 16083-14-0 [1]<br><br>3349-08-4 [2]<br><br>39819-65-3 [3]<br><br>18721-51-2 [4]<br><br>18283-82-4 [5]<br><br>22605-92-1 [6]<br><br>4454-16-4 [7]<br><br>7580-31-6 [8] | Carc. Cat. 1; R49<br><br>Muta. Cat. 3; R68<br><br>Repr. Cat. 2; R61<br><br>T; R48/23<br><br>R42/43<br><br>N; R50-53 | T; N<br><br>R: 49-61-42/43-48/23-68-50/53<br><br>S: 53-45-60-61 | T R48/23: $C \geq 1 \%$<br><br>Xn; R48/20: $0,1 \% \leq C < 1 \%$<br><br><br><br>R43: $C \geq 0,01 \%$<br><br><br><br>N; R50-53: $C \geq 25 \%$<br><br>N; R51-53: $2,5 \% \leq C < 25 \%$<br><br>R52-53: $0,25 \% \leq C < 2,5 \%$ | E H         |

| Index-Nr. | Internationale chemische Bezeichnung                                         | EG-Nummer      | CAS-Nummer      | Einstufung | Kennzeichnung | Spezifische Konzentrationsgrenzen | Anmerkungen |
|-----------|------------------------------------------------------------------------------|----------------|-----------------|------------|---------------|-----------------------------------|-------------|
|           | [8]                                                                          | 301-323-2 [9]  | 93983-68-7 [9]  |            |               |                                   |             |
|           | dimethylhexanoic acid nickel salt; [9]                                       | 249-555-2 [10] | 29317-63-3 [10] |            |               |                                   |             |
|           | nickel(II) isooctanoate; [10]                                                | 248-585-3 [11] | 27637-46-3 [11] |            |               |                                   |             |
|           | nickel isooctanoate; [11]                                                    | 284-349-6 [12] | 84852-37-9 [12] |            |               |                                   |             |
|           | nickel bis(isononanoate); [12]                                               | 300-094-6 [13] | 93920-10-6 [13] |            |               |                                   |             |
|           | nickel(II) neononanoate; [13]                                                | 287-468-1 [14] | 85508-43-6 [14] |            |               |                                   |             |
|           | nickel(II) isodecanoate; [14]                                                | 287-469-7 [15] | 85508-44-7 [15] |            |               |                                   |             |
|           | nickel(II) neodecanoate; [15]                                                | 257-447-1 [16] | 51818-56-5 [16] |            |               |                                   |             |
|           | neodecanoic acid, nickel salt; [16]                                          | 300-093-0 [17] | 93920-09-3 [17] |            |               |                                   |             |
|           |                                                                              | 276-205-6 [18] | 71957-07-8 [18] |            |               |                                   |             |
|           | nickel(II) neoundecanoate; [17]                                              | 258-051-1 [19] | 52625-25-9 [19] |            |               |                                   |             |
|           | bis(D-gluconato- <i>O</i> <sup>1</sup> , <i>O</i> <sup>2</sup> )nickel; [18] | 237-138-8 [20] | 13654-40-5 [20] |            |               |                                   |             |
|           | nickel 3,5-bis( <i>tert</i> -butyl)-4-hydroxybenzoate (1:2); [19]            | 287-470-2 [21] | 85508-45-8 [21] |            |               |                                   |             |
|           |                                                                              | 287-471-8 [22] | 85508-46-9 [22] |            |               |                                   |             |
|           | nickel(II) palmitate; [20]                                                   | 284-347-5 [23] | 84852-35-7 [23] |            |               |                                   |             |
|           | (2-ethylhexanoato- <i>O</i> )(isononanoato- <i>O</i> )nickel; [21]           | 284-351-7 [24] | 84852-39-1 [24] |            |               |                                   |             |
|           | (isononanoato- <i>O</i> )(isooctanoato- <i>O</i> )nickel; [22]               | 285-698-7 [25] | 85135-77-9 [25] |            |               |                                   |             |
|           | (isooctanoato- <i>O</i> )(neodecanoato- <i>O</i> )nickel; [23]               | 285-909-2 [26] | 85166-19-4 [26] |            |               |                                   |             |
|           |                                                                              | 284-348-0 [27] | 84852-36-8 [27] |            |               |                                   |             |
|           | (2-ethylhexanoato-                                                           |                |                 |            |               |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | EG-Nummer                                                        | CAS-Nummer                                                               | Einstufung                                            | Kennzeichnung                                     | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------|-----------------------------------|-------------|
|              | <i>O</i> -(isodecanoato- <i>O</i> )nickel; [24]<br>(2-ethylhexanoato- <i>O</i> )(neodecanoato- <i>O</i> )nickel; [25]<br>(isodecanoato- <i>O</i> )(isooctanoato- <i>O</i> )nickel; [26]<br>- [31]<br>(isodecanoato- <i>O</i> )(isononanoato- <i>O</i> )nickel; [27]<br>(isononanoato- <i>O</i> )(neodecanoato- <i>O</i> )nickel; [28]<br>fatty acids, C <sub>6-19</sub> -branched, nickel salts; [29]<br>fatty acids, C <sub>8-18</sub> and C <sub>18</sub> -unsaturated, nickel salts; [30]<br>2,7-naphthalenedisulfonic acid, nickel(II) salt; [31] | 287-592-6 [28]<br>294-302-1 [29]<br>283-972-0 [30]<br>- [31]     | 85551-28-6 [28]<br>91697-41-5 [29]<br>84776-45-4 [30]<br>72319-19-8 [31] |                                                       |                                                   |                                   |             |
| 028-055-00-6 | nickel(II) sulfite; [1]<br>nickel tellurium trioxide; [2]<br>nickel tellurium tetraoxide; [3]<br>molybdenum nickel hydroxide oxide phosphate [4]                                                                                                                                                                                                                                                                                                                                                                                                      | 231-827-7 [1]<br>239-967-0 [2]<br>239-974-9 [3]<br>268-585-7 [4] | 7757-95-1 [1]<br>15851-52-2 [2]<br>15852-21-8 [3]<br>68130-36-9 [4]      | Carc. Cat. 1; R49<br>T; R48/23<br>R42/43<br>N; R50-53 | T; N<br>R: 49-42/43-48/23-50/53<br>S: 53-45-60-61 |                                   | E H         |
| 028-056-00-1 | nickel boride (NiB); [1]<br>dinickel boride; [2]<br>trinickel boride; [3]                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 234-493-0 [1]<br>234-494-6 [2]<br>234-495-1 [3]                  | 12007-00-0 [1]<br>12007-01-1 [2]<br>12007-02-2 [3]                       | Carc. Cat. 1; R49<br>T; R48/23<br>R43                 | T; N<br>R: 49-43-48/23-50/53<br>S: 53-45-60-61    |                                   | E H         |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                        | EG-Nummer                                                                                                                                                                 | CAS-Nummer                                                                                                                                                                                           | Einstufung                                    | Kennzeichnung                           | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------|-----------------------------------|-------------|
|              | nickel boride; [4]<br>dinickel silicide; [5]<br>nickel disilicide; [6]<br>dinickel phosphide; [7]<br>nickel boron phosphide [8]                                                                                                                                                                                                                                                             | 235-723-2 [4]<br>235-033-1 [5]<br>235-379-3 [6]<br>234-828-0 [7]<br>- [8]                                                                                                 | 12619-90-8 [4]<br>12059-14-2 [5]<br>12201-89-7 [6]<br>12035-64-2 [7]<br>65229-23-4 [8]                                                                                                               | N; R50-53                                     |                                         |                                   |             |
| 028-057-00-7 | dialuminium nickel tetraoxide; [1]<br>nickel titanium trioxide; [2]<br>nickel titanium oxide; [3]<br>nickel divanadium hexaoxide; [4]<br>cobalt dimolybdenum nickel octaoxide; [5]<br>nickel zirkonium trioxide; [6]<br>molybdenum nickel tetraoxide; [7]<br>nickel tungsten tetraoxide; [8]<br>olivine, nickel green; [9]<br>lithium nickel dioxide; [10]<br>molybdenum nickel oxide; [11] | 234-454-8 [1]<br>234-825-4 [2]<br>235-752-0 [3]<br>257-970-5 [4]<br>268-169-5 [5]<br>274-755-1 [6]<br>238-034-5 [7]<br>238-032-4 [8]<br>271-112-7 [9]<br>- [10]<br>- [11] | 12004-35-2 [1]<br>12035-39-1 [2]<br>12653-76-8 [3]<br>52502-12-2 [4]<br>68016-03-5 [5]<br>70692-93-2 [6]<br>14177-55-0 [7]<br>14177-51-6 [8]<br>68515-84-4 [9]<br>12031-65-1 [10]<br>12673-58-4 [11] | Carc. Cat. 1; R49<br><br>T; R48/23<br><br>R43 | T<br><br>R: 49-43-48/23<br><br>S: 53-45 |                                   | E H         |
| 028-058-00-2 | cobalt lithium nickel oxide                                                                                                                                                                                                                                                                                                                                                                 | 442-750-5                                                                                                                                                                 | -                                                                                                                                                                                                    | Carc. Cat. 1; R49                             | T+; N                                   |                                   | E           |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                              | EG-Nummer | CAS-Nummer  | Einstufung                                           | Kennzeichnung                                      | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|------------------------------------------------------|----------------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                                                                                                                                                                   |           |             | T+; R26<br><br>T; R48/23<br><br>R43<br><br>N; R50-53 | R: 49-26-43-48/23-50/53<br><br>S: 53-45-60-61      |                                   |             |
| 029-014-00-5 | reaction mass of: 2,2'-[[ <i>cis</i> -1,2-cyclohexanediylbis(nitrilomethyldene)]bis[phenolate]](2-) <i>N,N',O,O'</i> -copper complex;<br><br>2,2'-[[ <i>trans</i> -1,2-cyclohexanediylbis(nitrilomethyldyne)]bis[phenolate]](2-) <i>N,N',O,O'</i> -copper complex | 419-610-7 | 171866-24-3 | Xn; R48/22<br><br>N; R51-53                          | Xn; N<br><br>R: 48/22-51/53<br><br>S: (2-)22-36-61 |                                   |             |
| 030-009-00-5 | zinc-bis(4-( <i>n</i> -octyloxycarbonylamino)salicylate) dihydrate                                                                                                                                                                                                | 417-130-2 | -           | Xi; R41<br><br>N; R51-53                             | Xi; N<br><br>R: 41-51/53<br><br>S: (2-)26-39-61    |                                   |             |
| 030-010-00-0 | 2-dodec-1-enylbutanedioic acid, 4-methyl ester zinc salt                                                                                                                                                                                                          | 430-740-3 | -           | N; R51-53                                            | N<br><br>R: 51/53<br><br>S: 61                     |                                   |             |
| 030-012-00-1 | aluminium-magnesium-zinc-carbonate-hydroxide                                                                                                                                                                                                                      | 423-570-6 | 169314-88-9 | R52-53                                               | R: 52/53<br><br>S: 61                              |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                   | EG-Nummer | CAS-Nummer  | Einstufung                                               | Kennzeichnung                                                           | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------|-------------|
| 030-015-00-8 | tetrazinc(2+)bis(hexacyanocobalt (3+))diacetate                                                                                                                                                                        | 440-060-9 | -           | N; R51-53                                                | N<br><br>R: 51/53<br><br>S: 61                                          |                                   |             |
| 040-003-00-4 | reaction product of 3,5-di- <i>tert</i> -butylsalicylic acid and zirconium oxychloride, dehydrated, basic Zr : DTBS = 1.0 : 1.0 to 1.0 : 1.5                                                                           | 430-610-6 | 226996-19-6 | N; R50-53                                                | N<br><br>R: 50/53<br><br>S: 60-61                                       |                                   |             |
| 042-005-00-0 | reaction mass of: mono- and diglycerols of canola oil;<br><br>canola oil acid amide of branched 1,3-propanediamine, <i>N</i> -[3-(tridecyloxy)-propyl];<br><br><i>N,N</i> -diorgano dithiocarbamate molybdenum complex | 434-240-6 | -           | R43<br><br>N; R51-53                                     | Xi; N<br><br>R: 43-51/53<br><br>S: (2-)24-37-61                         |                                   |             |
| 046-001-00-X | tetraammine palladium (II) hydrogen carbonate                                                                                                                                                                          | 425-270-0 | 134620-00-1 | Xn; R22-48/22<br><br>Xi; R41<br><br>R43<br><br>N; R50-53 | Xn; N<br><br>R: 22-41-43-48/22-50/53<br><br>S: (2-)22-26-36/37/39-60-61 |                                   |             |
| 047-002-00-8 | polyphosphoric acid, copper, sodium, magnesium, calcium, silver and zinc salt                                                                                                                                          | 416-850-4 | -           | N; R50-53                                                | N<br><br>R: 50/53<br><br>S: 60-61                                       |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                          | EG-Nummer | CAS-Nummer | Einstufung                                                                                                                    | Kennzeichnung                                                             | Spezifische Konzentrationsgrenzen                                                                                                                                                   | Anmerkungen |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| 050-021-00-4 | dichlorodioctyl stannane                                                                                                                                                                                                                                      | 222-583-2 | 3542-36-7  | T; R23-48/25<br><br>R53                                                                                                       | T<br><br>R: 23-48/25-53<br><br>S: (1/2-)38-45-61                          |                                                                                                                                                                                     |             |
| 050-022-00-X | dibutyltin dichloride;<br><br>(DBTC)                                                                                                                                                                                                                          | 211-670-0 | 683-18-1   | Mut. Cat. 3; R68<br><br>Repr. Cat. 2; R60-61<br><br>T+; R26<br><br>T; R25-48/25<br><br>C; R34<br><br>Xn; R21<br><br>N; R50-53 | T+; C; N<br><br>R: 60-61-21-25-26-34-48/25-68-50/53<br><br>S: 53-45-60-61 | C; R34: C $\geq$ 10 %<br><br>Xi; R36/38: 0,01 % $\leq$ C < 10 %<br><br>N; R50-53: C $\geq$ 2,5 %<br><br>N; R51-53: 0,25 % $\leq$ C < 2,5 %<br><br>R52-53: 0,025 % $\leq$ C < 0,25 % | E           |
| 050-023-00-5 | reaction mass of: bis[(2-ethyl-1-oxohexyl)oxy]dioctyl stannane;<br><br>bis[((2-ethyl-1-oxohexyl)oxy)dioctylstannyl]oxide;<br><br>bis(1-phenyl-1,3-decanedionyl)dioctyl stannane;<br><br>((2-ethyl-1-oxohexyl)oxy)-(1-phenyl-1,3-decanedionyl)dioctyl stannane | 422-920-5 | -          | Xn; R48/22<br><br>N; R50-53                                                                                                   | Xn; N<br><br>R: 48/22-50/53<br><br>S: (2-)23-36-60-61                     | N; R50-53: C $\geq$ 2,5 %<br><br>N; R51-53: 0,25 % $\leq$ C < 2,5 %<br><br>R52-53: 0,025 % $\leq$ C < 0,25 %                                                                        |             |
| 050-024-00-0 | reaction mass of: tri- <i>p</i> -tolyltin hydroxide;                                                                                                                                                                                                          | 432-230-6 | -          | T; R48/25                                                                                                                     | T; N                                                                      |                                                                                                                                                                                     |             |

| Index-Nr.    | Internationale chemische Bezeichnung         | EG-Nummer | CAS-Nummer  | Einstufung                                                    | Kennzeichnung                                                                        | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|----------------------------------------------|-----------|-------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------|-------------|
|              | hexa- <i>p</i> -tolyl-distannoxane           |           |             | Xn; R22<br><br>Xi; R38-41<br><br>R43<br><br>N; R50-53         | R: 22-38-41-43-48/25-50/53<br><br>S: (1/2-)22-26-36/37/39-45-60-61                   |                                   |             |
| 064-001-00-8 | gadolinium(III)sulfite trihydrate            | 456-900-2 | 51285-81-5  | N; R51-53                                                     | N<br><br>R: 51/53<br><br>S: 61                                                       |                                   |             |
| 078-010-00-X | tetraammine platinum (II) hydrogen carbonate | 426-730-3 | 123439-82-7 | Xn; R22<br><br>Xi; R41<br><br>R52-53                          | Xn<br><br>R: 22-41-52/53<br><br>S: (2-)22-26-39-61                                   |                                   |             |
| 078-011-00-5 | hydroxydisulfito platinum(II) acid           | 423-310-1 | 61420-92-6  | Xn; R22-48/20/21/22<br><br>C; R35<br><br>R42/43<br><br>R52-53 | C<br><br>R: 22-35-42/43-48/20/21/22-52/53<br><br>S: (1/2-)23-24-26-28-36/37/39-45-61 |                                   |             |
| 078-012-00-0 | platinum(IV) nitrate/nitric acid solution    | 432-400-1 | -           | C; R35<br><br>N; R50-53                                       | C; N<br><br>R: 35-50/53                                                              |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                             | EG-Nummer | CAS-Nummer  | Einstufung                                       | Kennzeichnung                                                      | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------------------------------------|--------------------------------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                                                  |           |             |                                                  | S: (1/2-)26-36/37/39-45-60-61                                      |                                   |             |
| 082-012-00-6 | barium calcium cesium lead samarium strontium bromide chloride fluoride iodide europium doped                                                    | 431-780-4 | 199876-46-5 | Xn; R22-48/22<br><br>N; R51-53                   | Xn; N<br><br>R: 22-48/22-51/53<br><br>S: (2-)22-36-61              |                                   |             |
| 601-070-00-0 | reaction mass of: branched icosane;<br><br>branched docosane;<br><br>branched tetracosane                                                        | 417-050-8 | 151006-58-5 | Xn; R20<br><br>R53                               | Xn<br><br>R: 20-53<br><br>S: (2-)61                                |                                   |             |
| 601-072-00-1 | reaction mass of: 1-(4-isopropylphenyl)-1-phenylethane;<br><br>1-(3-isopropylphenyl)-1-phenylethane;<br><br>1-(2-isopropylphenyl)-1-phenylethane | 430-690-2 | 52783-21-8  | Xi; R38<br><br>N; R50-53                         | Xi; N<br><br>R: 38-50/53<br><br>S: (2-)37-60-61                    |                                   |             |
| 601-075-00-8 | 4,4'-bis( <i>N</i> -carbamoyl-4-methylbenzenesulfonamide)diphenylmethane                                                                         | 418-770-5 | 151882-81-4 | Carc. Cat. 3; R40                                | Xn<br><br>R: 40<br><br>S: (2-)22-36/37                             |                                   |             |
| 601-076-00-3 | ethynyl cyclopropane                                                                                                                             | 425-430-1 | 6746-94-7   | F; R11<br><br>R4<br><br>Xi; R38-41<br><br>R52-53 | F; Xi<br><br>R: 4-11-38-41-52/53<br><br>S: (2-)9-16-26-33-37/39-61 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                | EG-Nummer | CAS-Nummer  | Einstufung                    | Kennzeichnung                                                      | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------------------|--------------------------------------------------------------------|-----------------------------------|-------------|
| 601-077-00-9 | reaction mass of: 1-heptyl-4-ethyl-2,6,7-trioxabicyclo[2.2.2]octane;<br><br>1-nonyl-4-ethyl-2,6,7-trioxabicyclo[2.2.2]octane                                                                                        | 426-510-7 | 196965-91-0 | N; R50-53                     | N<br><br>R: 50/53<br><br>S: 60-61                                  |                                   |             |
| 601-078-00-4 | reaction mass of: 1,7-dimethyl-2-[(3-methylbicyclo[2.2.1]hept-2-yl)methyl]bicyclo[2.2.1]heptane;<br><br>2,3-dimethyl-2-[(3-methylbicyclo[2.2.1]hept-2-yl)methyl]bicyclo[2.2.1]heptane                               | 427-040-5 | -           | C; R34<br><br>N; R50-53       | C; N<br><br>R: 34-50/53<br><br>S: (1/2-)23-26-36/37/39-45-57-60-61 |                                   |             |
| 601-079-00-X | reaction mass of: <i>trans-trans</i> -cyclohexadeca-1,9-diene;<br><br><i>cis-trans</i> -cyclohexadeca-1,9-diene                                                                                                     | 429-620-3 | -           | Xi; R38<br><br>R43<br><br>R53 | Xi<br><br>R: 38-43-53<br><br>S: (2-)24-37-61                       |                                   |             |
| 601-080-00-5 | reaction mass of: <i>sec</i> -butylphenyl(phenyl)methane, mixed isomers;<br><br>1-( <i>sec</i> -butylphenyl(phenyl)-2-phenylethane, mixed isomers;<br><br>1-( <i>sec</i> -butylphenyl-1-phenylethane, mixed isomers | 431-100-6 | -           | N; R50-53                     | N<br><br>R: 50/53<br><br>S: 60-61                                  |                                   |             |
| 601-081-00-0 | cyclohexadeca-1,9-diene                                                                                                                                                                                             | 431-730-1 | 4277-06-9   | Xi; R38<br><br>R43            | Xi<br><br>R: 38-43-53                                              |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                       | EG-Nummer | CAS-Nummer | Einstufung                              | Kennzeichnung                                                  | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|-----------------------------------------|----------------------------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                                                                                                                                            |           |            | R53                                     | S: (2-)36/37-61                                                |                                   |             |
| 601-082-00-6 | reaction mass of: endo-2-methyl-exo-3-methyl-exo-2-[(exo-3-methylbicyclo[2.2.1]hept-exo-2-yl)methyl]bicyclo[2.2.1]heptane;<br><br>exo-2-methyl-exo-3-methyl-endo-2-[(endo-3-methylbicyclo[2.2.1]hept-exo-2-yl)methyl]bicyclo[2.2.1]heptane | 434-420-4 | -          | Xi; R38-41<br><br>N; R50-53             | Xi; N<br><br>R: 38-41-50/53<br><br>S: (2-)23-26-37/39-57-60-61 |                                   |             |
| 601-083-00-1 | 5-endo-hexyl-bicyclo[2.2.1]hept-2-ene                                                                                                                                                                                                      | 435-000-3 | 22094-83-3 | Xn; R65<br><br>Xi; R38<br><br>R53       | Xn<br><br>R: 38-65-53<br><br>S: (2-)37-62-61                   |                                   |             |
| 601-084-00-7 | reaction mass of: 5-endo-butyl-bicyclo[2.2.1]hept-2-ene;<br><br>5-exo-butyl-bicyclo[2.2.1]hept-2-ene (80:20)                                                                                                                               | 435-180-3 | -          | Xn; R65<br><br>Xi; R38<br><br>N; R50-53 | Xn; N<br><br>R: 38-65-50/53<br><br>S: (2-)37-62-60-61          |                                   |             |
| 602-095-00-X | alkanes, C <sub>14-17</sub> , chloro;<br><br>chlorinated paraffins, C <sub>14-17</sub>                                                                                                                                                     | 287-477-0 | 85535-85-9 | R64<br><br>R66<br><br>N; R50-53         | N<br><br>R: 64-66-50/53<br><br>S: (2-)24-60-61                 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                              | EG-Nummer | CAS-Nummer  | Einstufung                                                | Kennzeichnung                                                   | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------------------------------|-----------|-------------|-----------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------|-------------|
| 602-098-00-6 | 2-(3-bromophenoxy)tetrahydro-2H-pyran                                                                             | 429-030-6 | 57999-49-2  | R43<br><br>N; R51-53                                      | Xi; N<br><br>R: 43-51/53<br><br>S: (2-)24-37-61                 |                                   |             |
| 602-099-00-1 | 3-(4-fluorophenyl)-2-methylpropionylchloride                                                                      | 426-370-7 | -           | R14<br><br>R29<br><br>C; R35<br><br>Xn; R22<br><br>R52-53 | C<br><br>R: 14-22-29-35-52/53<br><br>S: (1/2-)26-36/37/39-45-61 |                                   |             |
| 602-100-00-5 | reaction mass of: (R,R)-1,1,1,2,2,3,4,5,5,5-decafluoropentane;<br><br>(S,S)-1,1,1,2,2,3,4,5,5,5-decafluoropentane | 420-640-8 | -           | R52-53                                                    | R: 52/53<br><br>S: 61                                           |                                   |             |
| 602-101-00-0 | 2-chloro-4-fluoro-5-nitrophenyl (isobutyl)carbonate                                                               | 427-020-6 | 141772-37-4 | Xn; R48/22<br><br>R43<br><br>N; R50-53                    | Xn; N<br><br>R: 43-48/22-50/53<br><br>S: (2-)36/37-60-61        |                                   |             |
| 602-102-00-6 | 1,1,1,3,3-pentafluorobutane                                                                                       | 430-250-1 | 406-58-6    | F; R11                                                    | F<br><br>R: 11<br><br>S: (2-)3-9-16-41                          |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                  | EG-Nummer | CAS-Nummer  | Einstufung                              | Kennzeichnung                                      | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-------------------------------------------------------|-----------|-------------|-----------------------------------------|----------------------------------------------------|-----------------------------------|-------------|
| 602-103-00-1 | 1-(chlorophenylmethyl)-2-methylbenzene                | 431-450-1 | 41870-52-4  | Xi; R38<br><br>N; R50-53                | Xi; N<br><br>R: 38-50/53<br><br>S: (2-)36/37-60-61 |                                   |             |
| 602-104-00-7 | 1,1,2,2,3,3,4-heptafluorocyclopentane                 | 430-710-1 | 15290-77-4  | R52-53                                  | R: 52/53<br><br>S: 61                              |                                   |             |
| 602-105-00-2 | sodium 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfinate | 422-100-7 | 102061-82-5 | Xi; R41<br><br>R43                      | Xi<br><br>R: 41-43<br><br>S: (2-)24-26-37/39       |                                   |             |
| 602-106-00-8 | 2-bromo-4,6-difluoroaniline                           | 429-430-0 | 444-14-4    | Xn; R22<br><br>N; R51-53                | Xn; N<br><br>R: 22-51/53<br><br>S: (2-)25-61       |                                   |             |
| 602-107-00-3 | 3,3,4,4-tetrafluoro-4-iodo-1-butene                   | 439-500-2 | 33831-83-3  | Xn; R22<br><br>Xi; R38<br><br>N; R51-53 | Xn; N<br><br>R: 22-38-51/53<br><br>S: (2-)37-61    |                                   |             |
| 602-108-00-9 | (2,3,5,6-tetrafluorophenyl)methanol                   | 443-840-7 | 4084-38-2   | Xn; R22<br><br>Xi; R36<br><br>R43       | Xn<br><br>R: 22-36-43<br><br>S: (2-)26-36/37       |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                          | EG-Nummer | CAS-Nummer  | Einstufung                                                               | Kennzeichnung                                            | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------|-------------|
| 603-109-00-7 | reaction mass of: 1-ethoxy-1,1,2,3,3,3-hexafluoro-2-(trifluoromethyl)propane;<br><br>1-ethoxy-1,1,2,2,3,3,4,4,4-nonafluorobutane              | 425-340-0 | -           | R53                                                                      | R: 53<br><br>S: 21-23-61                                 |                                   |             |
| 603-110-00-2 | reaction mass of: <i>cis</i> -2-isobutyl-5-methyl 1,3-dioxane;<br><br><i>trans</i> -2-isobutyl-5-methyl 1,3-dioxane                           | 426-130-1 | 166301-21-9 | Xi; R38<br><br>R52-53                                                    | Xi<br><br>R: 38-52/53<br><br>S: (2-)23-37-61             |                                   |             |
| 603-111-00-8 | reaction mass of: 1-(1,1-dimethylpropyl)-4-ethoxy- <i>cis</i> -cyclohexane;<br><br>1-(1,1-dimethylpropyl)-4-ethoxy- <i>trans</i> -cyclohexane | 426-530-6 | -           | Xi; R38<br><br>N; R50-53                                                 | Xi; N<br><br>R: 38-50/53<br><br>S: (2-)24-37-60-61       |                                   |             |
| 603-112-00-3 | cyclopentyl 2-phenylethyl ether                                                                                                               | 428-340-9 | -           | Xi; R38<br><br>N; R50-53                                                 | Xi; N<br><br>R: 38-50/53<br><br>S: (2-)37-60-61          |                                   |             |
| 603-113-00-9 | 6-glycidyloxynapht-1-yl oxymethyloxirane                                                                                                      | 429-960-2 | 27610-48-6  | Muta. Cat. 3; R68<br><br>Xn; R21<br><br>Xi; R38<br><br>R43<br><br>R52-53 | Xn<br><br>R: 21-38-43-68-52/53<br><br>S: (2-)36/37/39-61 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                     | EG-Nummer | CAS-Nummer  | Einstufung                           | Kennzeichnung                                      | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------------------------|----------------------------------------------------|-----------------------------------|-------------|
| 603-114-00-4 | 9-(2-propenyloxy)tricyclo[5.2.1.0(2,6)]dec-3(or-4)-ene                                                                                                                                                                                                                                                                                                                                                                   | 430-830-2 | 26912-64-1  | Xi; R38<br><br>N; R51-53             | Xi; N<br><br>R: 38-51/53<br><br>S: (2-)23-37-61    |                                   |             |
| 603-115-00-X | reaction mass of: <i>O,O',O''</i> -(methylsilanetriyl)tris(4-methyl-2-pentanone oxime) (3 stereoisomers)                                                                                                                                                                                                                                                                                                                 | 423-580-0 | -           | Xn; R48/22<br><br>R53                | Xn<br><br>R: 48/22-53<br><br>S: 2-36-61            |                                   |             |
| 603-116-00-5 | ( <i>Z</i> )-(2,4-difluorophenyl)piperidin-4-ylmethanone oxime monohydrochloride                                                                                                                                                                                                                                                                                                                                         | 424-740-2 | 138271-16-6 | Xn; R22<br><br>Xi; R41<br><br>R52-53 | Xn<br><br>R: 22-41-52/53<br><br>S: (2-)22-26-39-61 |                                   |             |
| 603-182-00-5 | reaction product of: saturated, monounsaturated and multiple unsaturated long-chained partly estrified alcohols of vegetable origin ( <i>Brassica napus</i> L., <i>Brassica rapa</i> L., <i>Helianthus annuus</i> L., <i>Glycine hispida</i> , <i>Gossypium hirsutum</i> L., <i>Cocos nucifera</i> L., <i>Elaeis guineensis</i> ) with <i>O,O</i> -diisobutyldithiophosphate and 2-ethylhexylamine and hydrogen peroxide | 428-630-5 | -           | R43                                  | Xi<br><br>R: 43<br><br>S: (2-)24-37                |                                   |             |
| 603-188-00-8 | reaction mass of: 6,7-epoxy-1,2,3,4,5,6,7,8-octahydro-1,1,2,4,4,7-                                                                                                                                                                                                                                                                                                                                                       | 426-970-9 | -           | N; R50-53                            | N<br><br>R: 50/53                                  |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                 | EG-Nummer     | CAS-Nummer  | Einstufung                                                          | Kennzeichnung                                                     | Spezifische Konzentrationsgrenzen                               | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------------------|---------------|-------------|---------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------|-------------|
|              | hexamethylnaphthalene;<br><br>7,8-epoxy-1,2,3,4,6,7,8,8a-octahydro-1,1,2,4,4,7-hexamethylnaphthalene |               |             |                                                                     | S: 60-61                                                          |                                                                 |             |
| 603-190-00-9 | 8,8-dimethyl-7-isopropyl-6,10-dioxaspiro[4.5]decane                                                  | 424-030-2     | 62406-73-9  | Xi; R38<br><br>R52-53                                               | Xi<br><br>R: 38-52/53<br><br>S: (2-)24-37-61                      |                                                                 |             |
| 603-192-00-X | (E,E)-3,7,11-trimethyldodeca-1,4,6,10-tetraen-3-ol                                                   | 423-240-1     | 125474-34-2 | Xi; R38-41<br><br>R43<br><br>N; R50-53                              | Xi; N<br><br>R: 38-41-43-50/53<br><br>S: (2-)23-24-26-37/39-60-61 |                                                                 |             |
| 603-193-00-5 | disodium 9,10-anthracenedioxide                                                                      | 426-030-8     | 46492-07-3  | C; R35                                                              | C<br><br>R: 35<br><br>S: (1/2-)26-36/37/39-45                     |                                                                 |             |
| 603-194-00-0 | 2-(2-aminoethylamino)ethanol;<br><br>(AEEA)                                                          | 203-867-5     | 111-41-1    | Repr. Cat. 2; R61<br><br>Repr. Cat. 3; R62<br><br>C; R34<br><br>R43 | T<br><br>R: 61-34-43-62<br><br>S: 53-45                           | C; R34: C $\geq$ 10 %<br><br>Xi; R36/37/38: 5 % $\leq$ C < 10 % |             |
| 603-200-00-1 | 1-pentanol; [1]                                                                                      | 200-752-1 [1] | 71-41-0 [1] | R10                                                                 | Xn                                                                |                                                                 |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                      | EG-Nummer     | CAS-Nummer   | Einstufung                                         | Kennzeichnung                                                         | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|---------------------------------------------------------------------------------------------------------------------------|---------------|--------------|----------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------|-------------|
|              | 3-pentanol [2]                                                                                                            | 209-526-7 [2] | 584-02-1 [2] | Xn; R20<br><br>Xi; R37/38                          | R: 10-20-37/38<br><br>S: (1/2-)36/37-46                               |                                   |             |
| 603-201-00-7 | (E)-(7R,11R)-3,7,11,15-tetramethylhexadec-2-ene-1-ol                                                                      | 416-120-5     | -            | Xi; R38<br><br>R53                                 | Xi<br><br>R: 38-53<br><br>S: (2-)37-61                                |                                   |             |
| 603-202-00-2 | 4,4,5,5,5-pentafluoropentan-1-ol                                                                                          | 421-360-9     | 148043-73-6  | Xn; R22<br><br>R52-53                              | Xn<br><br>R: 22-52/53<br><br>S: (2-)23-61                             |                                   |             |
| 603-203-00-8 | (1R,3S,7R,8R,10R,13R)-5,5,7,9,9,13-hexamethyl-4,6-dioxatetracyclo[6.5.1.0 <sup>1,10</sup> .0 <sup>3,7</sup> ]tetradeceane | 427-580-1     | -            | Xi; R38                                            | Xi<br><br>R: 38<br><br>S: (2-)37                                      |                                   |             |
| 603-204-00-3 | reaction mass of: 2,2'-(heptane-1,7-diyl)bis-1,3-dioxolane;<br><br>2,2'-(heptane-1,6-diyl)bis-1,3-dioxolane               | 428-110-8     | -            | R52-53                                             | R: 52/53<br><br>S: 61                                                 |                                   |             |
| 603-205-00-9 | (1S-cis)-4-(2-amino-6-chloro-9H-purin-9-yl)-2-cyclopentene-1-methanol hydrochloride                                       | 426-200-1     | 172015-79-1  | T; R48/25<br><br>Xn; R22<br><br>Xi; R41<br><br>R43 | T<br><br>R: 22-41-43-48/25-52/53<br><br>S: (1/2-)22-26-36/37/39-45-61 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                         | EG-Nummer      | CAS-Nummer               | Einstufung                                                         | Kennzeichnung                                            | Spezifische Konzentrationsgrenzen                                  | Anmerkungen |
|--------------|----------------------------------------------------------------------------------------------|----------------|--------------------------|--------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------|-------------|
|              |                                                                                              |                |                          | R52-53                                                             |                                                          |                                                                    |             |
| 603-206-00-4 | 2,2-dichloro-1,3-benzodioxol                                                                 | 426-850-6      | 2032-75-9                | R10<br>R14<br>C; R35<br>Xn; R22<br>R43                             | C<br>R: 10-14-22-35-43<br>S: (1/2-)7/8-23-26-36/37/39-45 |                                                                    |             |
| 603-207-00-X | 2-isobutyl-2-isopropyl-1,3-dimethoxypropane                                                  | 430-800-9      | 129228-21-3              | Xi; R38<br>N; R51-53                                               | Xi; N<br>R: 38-51/53<br>S: (2-)23-37-61                  |                                                                    |             |
| 603-208-00-5 | 1,2-diethoxyethane                                                                           | 211-076-1      | 629-14-1                 | F; R11<br>R19<br>Repr. Cat. 2; R61<br>Repr. Cat. 3; R62<br>Xi; R36 | F; T<br>R: 61-11-19-36-62<br>S: 53-45                    |                                                                    |             |
| 603-209-00-0 | spinosad (ISO) (reaction mass of spinosyn A and spinosyn D in ratios between 95:5 to 50:50); | - [1]<br>- [2] | - [1]<br>131929-60-7 [2] | N; R50-53                                                          | N<br>R: 50/53                                            | N; R50-53: $C \geq 2,5 \%$<br>N; R51-53: $0,25 \% \leq C < 2,5 \%$ |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | EG-Nummer | CAS-Nummer      | Einstufung                                                                 | Kennzeichnung                                                          | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------|----------------------------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------|-------------|
|              | <p>reaction mass of 50-95% of (2<i>R</i>,3<i>aS</i>,5<i>aR</i>,5<i>bS</i>,9<i>S</i>,13<i>S</i>,14<i>R</i>,16<i>aS</i>,16<i>bR</i>)-2-(6-deoxy-2,3,4-tri-<i>O</i>-methyl-<math>\alpha</math>-L-mannopyranosyloxy)-13-(4-dimethylamino-2,3,4,6-tetradecoxy-<math>\beta</math>-D-erythropyranosyloxy)-9-ethyl-2,3,3<i>a</i>,5<i>a</i>,5<i>b</i>,6,7,9,10,11,12,13,14,15,16<i>a</i>,16<i>b</i>-hexadecahydro-14-methyl-1<i>H</i>-8-oxacyclododeca[<i>b</i>]as-indacene-7,15-dione and 50-5% (2<i>S</i>,3<i>aR</i>,5<i>aS</i>,5<i>bS</i>,9<i>S</i>,13<i>S</i>,14<i>R</i>,16<i>aS</i>,16<i>bS</i>)-2-(6-deoxy-2,3,4-tri-<i>O</i>-methyl-<math>\alpha</math>-L-mannopyranosyloxy)-13-(4-dimethylamino-2,3,4,6-tetradecoxy-<math>\beta</math>-D-erythropyranosyloxy)-9-ethyl-2,3,3<i>a</i>,5<i>a</i>,5<i>b</i>,6,7,9,10,11,12,13,14,15,16<i>a</i>,16<i>b</i>-hexadecahydro-4,14-dimethyl-1<i>H</i>-8-oxacyclododeca[<i>b</i>]as-indacene-7,15-dione; [1]</p> <p>spinosyn A; [2]</p> <p>spinosyn D [3]</p> | - [3]     | 131929-63-0 [3] |                                                                            | S: 60-61                                                               | R52-53: 0,025 % $\leq$ C < 0,25 % |             |
| 603-210-00-6 | 2,4-diethyl-1,5-pentanediol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 429-310-8 | 57987-55-0      | Xi; R41                                                                    | Xi<br><br>R: 41<br><br>S: (2-)26-39                                    |                                   |             |
| 603-211-00-1 | <p>2,3-epoxypropyltrimethylammonium chloride ...%;</p> <p>glycidyl trimethylammonium chloride ...%</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 221-221-0 | 3033-77-0       | <p>Carc. Cat. 2; R45</p> <p>Muta. Cat. 3; R68</p> <p>Repr. Cat. 3; R62</p> | <p>T</p> <p>R: 45-21/22-41-43-48/22-62-68-52/53</p> <p>S: 53-45-61</p> |                                   | B E         |

| Index-Nr.    | chemische<br>Internationale<br>Bezeichnung                                                               | EG-Nummer | CAS-Nummer  | Einstufung                                               | Kennzeichnung                                                                | Spezifische Konzentrationsgrenzen | Anmer-<br>kungen |
|--------------|----------------------------------------------------------------------------------------------------------|-----------|-------------|----------------------------------------------------------|------------------------------------------------------------------------------|-----------------------------------|------------------|
|              |                                                                                                          |           |             | Xn; R21/22-48/22<br><br>Xi; R41<br><br>R43<br><br>R52-53 |                                                                              |                                   |                  |
| 603-212-00-7 | 1,3,4,6,7,8-hexahydro-<br>4,6,6,7,8,8-<br>hexamethylindeno[5,6-c]pyran;<br><br>galaxolide;<br><br>(HHCB) | 214-946-9 | 1222-05-5   | N; R50-53                                                | N<br><br>R: 50/53<br><br>S: 60-61                                            |                                   |                  |
| 603-213-00-2 | 2-methoxy-2-methylbutane;<br><br><i>tert</i> -amyl methyl ether                                          | 213-611-4 | 994-05-8    | F; R11<br><br>Xn; R22<br><br>R67                         | F; Xn<br><br>R: 11-22-67<br><br>S: (2-)9-16-23-33                            |                                   |                  |
| 603-214-00-8 | 1,1-diisopropoxycyclohexane                                                                              | 413-740-8 | 1132-95-2   | C; R34                                                   | C<br><br>R: 34<br><br>S: (1/2-)23-26-36/37/39-45                             |                                   |                  |
| 603-215-00-3 | 1-hydroxy-4-fluoro-1,4-<br>diazoniabicyclo[2.2.2]octane<br>bis(tetrafluoroborate)                        | 418-330-2 | 162241-33-0 | E; R2<br><br>Xn; R22-48/22<br><br>Xi; R41                | E; Xn; N<br><br>R: 2-22-41-43-48/22-50/53<br><br>S: (2-)22-26-36/37/39-60-61 |                                   |                  |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                    | EG-Nummer | CAS-Nummer  | Einstufung                     | Kennzeichnung                                        | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------------------|------------------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                                         |           |             | R43<br>N; R50-53               |                                                      |                                   |             |
| 603-216-00-9 | <i>cis</i> -1-amino-2,3-dihydro-1 <i>H</i> -inden-2-ol                                                                                  | 422-660-2 | 7480-35-5   | Xi; R41<br>R43<br>R52-53       | Xi<br>R: 41-43-52/53<br>S: (2-)24-26-37/39-61        |                                   |             |
| 603-217-00-4 | 2,4,6-tri- <i>tert</i> -butylphenyl 2-butyl-2-ethyl-1,3-propanediolphosphite                                                            | 423-560-1 | 161717-32-4 | R43<br>R53                     | Xi<br>R: 43-53<br>S: (2-)24-37/39-61                 |                                   |             |
| 603-220-00-0 | 1-{benzyl[2-(2-methoxyphenoxy)ethyl]amino}-3-(9 <i>H</i> -carbazol-4-yloxy)propan-2-ol                                                  | 432-890-5 | 72955-94-3  | R53                            | R: 53<br>S: 61                                       |                                   |             |
| 603-221-00-6 | 1-(2-amino-5-chlorophenyl)-2,2,2-trifluoro-1,1-ethanediol, hydrochloride;<br><br>[containing < 0.1 % 4-chloroaniline (EC No 203-401-0)] | 433-580-2 | 214353-17-0 | Xn; R22<br>C; R34<br>N; R51-53 | C; N<br>R: 22-34-51/53<br>S: (1/2-)26-36/37/39-45-61 |                                   |             |
| 603-221-01-3 | 1-(2-amino-5-chlorophenyl)-2,2,2-trifluoro-1,1-ethanediol, hydrochloride;                                                               | 433-580-2 | 214353-17-0 | Carc. Cat. 2; R45<br>Xn; R22   | T; N<br>R: 45-22-34-51/53                            |                                   | E           |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                                   | EG-Nummer | CAS-Nummer  | Einstufung               | Kennzeichnung                                      | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------------|----------------------------------------------------|-----------------------------------|-------------|
|              | [containing $\geq$ 0.1 % 4-chloroaniline (EC No 203-401-0)]                                                                                                                                                                                                                                                                                                                                                                            |           |             | C; R34<br><br>N; R51-53  | S: 53-45-61                                        |                                   |             |
| 603-222-00-1 | (2 <i>R</i> ,3 <i>S</i> ,4 <i>R</i> ,5 <i>R</i> ,7 <i>R</i> ,9 <i>R</i> ,10 <i>R</i> ,11 <i>S</i> ,12 <i>S</i> ,13 <i>R</i> )-10-[(4-dimethylamino-3-hydroxy-6-methyltetrahydropyran-2-yl)oxy]-2-ethyl-3,4,12-trihydroxy-9-methoxy-3,5,7,9,11,13-hexamethyl-6,14-dioxo-1-oxacyclotetradecane                                                                                                                                           | 433-820-6 | 118058-74-5 | Xi; R36                  | Xi<br><br>R: 36<br><br>S: (2-)26                   |                                   |             |
| 603-223-00-7 | 2-cyclopentylidene cyclopentanol;<br><br>1,1'-bi(cyclopentyliden)-2-ol                                                                                                                                                                                                                                                                                                                                                                 | 434-270-1 | 6261-30-9   | Xi; R38-41<br><br>R52-53 | Xi<br><br>R: 38-41-52/53<br><br>S: (2-)26-37/39-61 |                                   |             |
| 603-224-00-2 | 3-ethoxy-1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-(trifluoromethyl)-hexane                                                                                                                                                                                                                                                                                                                                                               | 435-790-1 | 297730-93-9 | R53                      | <br><br>R: 53<br><br>S: 61                         |                                   |             |
| 603-225-00-8 | erythromycin A9-oxime (E);<br><br>(3 <i>R</i> ,4 <i>S</i> ,5 <i>S</i> ,6 <i>R</i> ,7 <i>R</i> ,9 <i>R</i> ,11 <i>R</i> ,12 <i>R</i> ,13 <i>S</i> ,14 <i>R</i> )-4-((2,6-didesoxy-3- <i>C</i> -methyl-3- <i>O</i> -methyl- $\alpha$ - <i>L</i> -ribohexopiranosyl)oxy)-14-ethyl-7,12,13-trihydroxy-3,5,7,9,11,13-hexamethyl-6-((3,4,6-tridesoxy-3-dimethylamino- $\beta$ -D-xylohexapiranosyl)oxy)oxacyclotetradecan-2-ona-10-oxime (E) | 437-070-0 | 13127-18-9  | N; R51-53                | N<br><br>R: 51/53<br><br>S: 61                     |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                      | EG-Nummer | CAS-Nummer  | Einstufung                     | Kennzeichnung                                          | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------------------|--------------------------------------------------------|-----------------------------------|-------------|
| 603-226-00-3 | 4,4'-(4-(4-methoxyphenyl)-1,3,5-triazin-2,4-diyl)bisbenzene-1,3-diol                                                                                                                                                                                                                                                                                                      | 444-500-0 | 1440-00-2   | R52-53                         | R: 52/53<br>S: 61                                      |                                   |             |
| 603-227-00-9 | $\alpha$ -hydro- $\omega$ -[[[(1,1-dimethylethyl)dioxy]carbonyl]oxy]-poly[oxy(methyl-1,2-ethanediyl)] ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1);<br><br>reaction product of: $\alpha$ -hydro- $\omega$ -((chlorocarbonyl)oxy)-poly(oxy(methyl-1,2-ethanediyl)) ether with 2,2-bis(hydroxymethyl)-1,3-propanediol with potassium 1,1-dimethylethylperoxalate | 445-060-2 | 203574-04-3 | O; R7<br>N; R50-53             | O; N<br>R: 7-50/53<br>S: (2-)3/7-14-36/37/39-60-61     |                                   |             |
| 603-228-00-4 | (+/-)-(R*,R*)-6-fluoro-3,4-dihydro-2-oxiranyl-2H-1-benzopyran;<br><br>6-fluoro-2-(2-oxiranyl)chromane                                                                                                                                                                                                                                                                     | 419-620-1 | -           | R43<br>N; R51-53               | Xi; N<br>R: 43-51/53<br>S: (2-)36/37-61                |                                   |             |
| 603-229-00-X | sodium (Z)-3-chloro-3-(4-chlorophenyl)-1-hydroxy-2-propene-1-sulfonate                                                                                                                                                                                                                                                                                                    | 420-800-7 | -           | Xi; R38-41<br>R43<br>N; R50-53 | Xi; N<br>R: 38-41-43-50/53<br>S: (2-)24-26-37/39-60-61 |                                   |             |
| 603-230-00-5 | 2,6,6,7,8,8-hexamethyldecahydro-2H-indeno[4,5-b]furan                                                                                                                                                                                                                                                                                                                     | 440-030-5 | -           | Xi; R38-41<br>R53              | Xi<br>R: 38-41-53                                      |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | EG-Nummer | CAS-Nummer | Einstufung | Kennzeichnung          | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|------------|------------------------|-----------------------------------|-------------|
|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |            |            | S: (2-)26-37/39-61     |                                   |             |
| 603-231-00-0 | (S)-1,1-diphenyl-1,2-propanediol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 443-220-6 | -          | R52-53     | R: 52/53<br>S: 22-61   |                                   |             |
| 603-232-00-6 | 3,3,8,8,10,10-hexamethyl-9-[1-(4-oxiranylmethoxy-phenyl)-ethoxy]-1,5-dioxo-9-aza-spiro[5.5]undecane                                                                                                                                                                                                                                                                                                                                                                                                                    | 444-420-6 | -          | R53        | R: 53<br>S: 61         |                                   |             |
| 603-233-00-1 | <p>reaction mass of: 4-(1,3a,4,6,7,7a-hexahydro-4,7-methanoinden-5-ylidene)-3-methylbutan-2-ol;</p> <p>4-(3,3a,4,6,7,7a-hexahydro-4,7-methanoinden-5-ylidene)-3-methylbutan-2-ol;</p> <p>1-(1,3a,4,6,7,7a-hexahydro-4,7-methanoinden-5-ylidene)pentan-3-ol;</p> <p>1-(3,3a,4,6,7,7a-hexahydro-4,7-methanoinden-5-ylidene)pentan-3-ol;</p> <p>(E)-4-(3a,4,5,6,7,7a-hexahydro-1H-4,7-methanoinden-5-yl)-3-methylbut-3-en-2-ol;</p> <p>(E)-4-(3a,4,5,6,7,7a-hexahydro-3H-4,7-methanoinden-5-yl)-3-methylbut-3-en-2-ol</p> | 444-430-0 | -          | N; R51-53  | N<br>R: 51/53<br>S: 61 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                     | EG-Nummer | CAS-Nummer  | Einstufung                                                             | Kennzeichnung                                       | Spezifische Konzentrationsgrenzen                         | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------|-----------|-------------|------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------|-------------|
| 603-234-00-7 | (1 <i>R</i> ,4 <i>R</i> )-4-methoxy-2,2,7,7-tetramethyltricyclo(6.2.1.0(1,6))undec-5-ene | 444-480-3 | -           | Xi; R38<br><br>N; R51-53                                               | Xi; N<br><br>R: 38-51/53<br><br>S: (2-)37-61        |                                                           |             |
| 604-071-00-4 | 4,4'-(1-{4-[1-(4-hydroxyphenyl)-1-methylethyl]phenyl} ethylidene)di phenol               | 425-600-3 | 110726-28-8 | R53                                                                    | R: 53<br><br>S: 61                                  |                                                           |             |
| 604-072-00-X | 1,2-bis(phenoxyethyl)benzene                                                             | 428-620-0 | 10403-74-4  | N; R50-53                                                              | N<br><br>R: 50/53<br><br>S: 22-60-61                |                                                           |             |
| 604-073-00-5 | ( <i>E</i> )-3-[1-[4-[2-(dimethylamino)ethoxy]phenyl]-2-phenylbut-1-enyl]phenol          | 428-010-4 | 82413-20-5  | Carc. Cat. 3; R40<br><br>Repr. Cat. 2; R60<br><br>R43<br><br>N; R50-53 | T; N<br><br>R: 60-40-43-50/53<br><br>S: 53-45-60-61 |                                                           |             |
| 604-074-00-0 | tetrabromobisphenol-A;<br><br>2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol           | 201-236-9 | 79-94-7     | N; R50-53                                                              | N<br><br>R: 50/53<br><br>S: 60-61                   |                                                           |             |
| 604-075-00-6 | 4-(1,1,3,3-tetramethylbutyl)phenol;<br><br>4- <i>tert</i> -octylphenol                   | 205-426-2 | 140-66-9    | Xi; R38-41<br><br>N; R50-53                                            | Xi; N<br><br>R: 38-41-50/53                         | N; R50-53: C ≥ 2,5 %<br><br>N; R51-53: 0,25 % ≤ C < 2,5 % |             |

| Index-Nr.    | Internationale chemische Bezeichnung                   | EG-Nummer | CAS-Nummer | Einstufung                                                          | Kennzeichnung                                                      | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              |                                                        |           |            |                                                                     | S: (2-)26-37/39-60-61                                              | R52-53: 0,025 % ≤ C < 0,25 %      |             |
| 604-076-00-1 | phenolphthalein                                        | 201-004-7 | 77-09-8    | Carc. Cat. 2; R45<br><br>Muta. Cat. 3; R68<br><br>Repr. Cat. 3; R62 | T<br><br>R: 45-62-68<br><br>S: 53-45                               | Carc. Cat. 2; R45: C ≥ 1%         |             |
| 604-077-00-7 | 2-benzotriazol-2-yl-4-methyl-6-(2-methylallyl)phenol   | 419-750-9 | 98809-58-6 | R53                                                                 | R: 53<br><br>S: 61                                                 |                                   |             |
| 604-079-00-8 | 4,4'-(1,3-phenylene-bis(1-methylethylidene))bis-phenol | 428-970-4 | 13595-25-0 | Repr.Cat.3; R62<br><br>R43<br><br>N; R51-53                         | Xn; N<br><br>R: 43-62-51/53<br><br>S: (2-)22-36/37-61              |                                   |             |
| 604-080-00-3 | 4-fluoro-3-trifluoromethylphenol                       | 432-560-0 | 61721-07-1 | Xn; R20<br><br>C; R35<br><br>R43<br><br>N; R51-53                   | C; N<br><br>R: 20-35-43-51/53<br><br>S: (1/2-)26-28-36/37/39-45-61 |                                   |             |
| 604-081-00-9 | 1,1-bis(4-hydroxyphenyl)-1-phenylethane                | 433-130-5 | 1571-75-1  | N; R50-53                                                           | N<br><br>R: 50/53                                                  |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                            | EG-Nummer | CAS-Nummer  | Einstufung                                                                                      | Kennzeichnung                                          | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              |                                                                                                                                                                                                                                                                                 |           |             |                                                                                                 | S: 25-60-61                                            |                                   |             |
| 604-082-00-4 | 2-chloro-6-fluoro-phenol                                                                                                                                                                                                                                                        | 433-890-8 | 2040-90-6   | Muta.Cat.2; R46<br><br>Repr.Cat.3; R62<br><br>Xn; R22<br><br>C; R34<br><br>R43<br><br>N; R51-53 | T; N<br><br>R: 46-22-34-43-62-51/53<br><br>S: 53-45-61 |                                   | E           |
| 604-083-00-X | 4,4'-sulfonylbisphenol, polymer with ammonium chloride(NH <sub>4</sub> Cl), pentachlorophosphorane and phenol                                                                                                                                                                   | 439-270-3 | 260408-02-4 | R53                                                                                             | R: 53<br><br>S: 61                                     |                                   |             |
| 604-084-00-5 | 1-ethoxy-2,3-difluorobenzene                                                                                                                                                                                                                                                    | 441-000-4 | 121219-07-6 | Xn; R22<br><br>R52-53                                                                           | Xn<br><br>R: 22-52/53<br><br>S: (2-)23-61              |                                   |             |
| 604-087-00-1 | reaction mass of: 1,2-naphthoquinonediazide-5-sulfonylchloride (or sulfonic acid)monoester with 4,4'-(1-(4-(1-(4-hydroxyphenyl)-1-methylethyl)phenyl)ethylidene)bisphenol;<br><br>1,2-naphthoquinonediazide-5-sulfonylchloride (or sulfonic acid)diester with 4,4'-(1-(4-(1-(4- | 433-640-8 | -           | F; R17<br><br>R44<br><br>R53                                                                    | F<br><br>R: 17-44-53<br><br>S: (2-)15-22-61            |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                   | EG-Nummer | CAS-Nummer | Einstufung                                                                                                  | Kennzeichnung                                                                       | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              | hydroxyphenyl)-1-methylethyl)phenyl)ethylidene)bi-sphenol;<br><br>1,2-naphthoquinonediazide-5-sulfonylchloride (or sulfonic acid)triester with 4,4'-(1-(4-(4-hydroxyphenyl)-1-methylethyl)phenyl)ethylidene)bi-sphenol |           |            |                                                                                                             |                                                                                     |                                   |             |
| 604-089-00-2 | 2-methyl-5- <i>tert</i> -butylthiophenol                                                                                                                                                                               | 444-970-7 | -          | R10<br><br>Repr.Cat.3; R63<br><br>Xn; R48/20/22-65<br><br>Xi; R36/38<br><br>R43<br><br>R67<br><br>N; R50-53 | Xn; N<br><br>R: 10-36/38-43-48/20/22-63-65-67-50/53<br><br>S: (2-)26-36/37-62-60-61 |                                   |             |
| 605-023-00-5 | 5-chloro-2-(4-chlorophenoxy)phenol                                                                                                                                                                                     | 429-290-0 | 3380-30-1  | Xi; R41<br><br>N; R50-53                                                                                    | Xi; N<br><br>R: 41-50/53<br><br>S: (2-)26-39-60-61                                  |                                   |             |
| 605-024-00-0 | 2-bromo-5-hydroxy-4-methoxybenzaldehyde                                                                                                                                                                                | 426-540-0 | 2973-59-3  | R43<br><br>N; R51-53                                                                                        | Xi; N<br><br>R: 43-51/53<br><br>S: (2-)24-37-61                                     |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                         | EG-Nummer | CAS-Nummer  | Einstufung                    | Kennzeichnung                                         | Spezifische Konzentrationsgrenzen | Anmerkungen |
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| 605-032-00-4 | 3-[3-(4-fluorophenyl)-1-(1-methylethyl)-1 <i>H</i> -indol-2-yl]-( <i>E</i> )-2-propenal                                                                                                                                                                                                                                                                                                                      | 425-370-4 | 93957-50-7  | R43<br><br>N; R50-53          | Xi; N<br><br>R: 43-50/53<br><br>S: (2-)22-24-37-60-61 |                                   |             |
| 605-033-00-X | reaction mass of: 3,7,11-trimethyl- <i>cis</i> -6,10-dodecadienal;<br><br>3,7,11-trimethyl- <i>trans</i> -6,10-dodecadienal                                                                                                                                                                                                                                                                                  | 425-910-9 | 32480-08-3  | Xi; R38<br><br>N; R50-53      | Xi; N<br><br>R: 38-50/53<br><br>S: (2-)37-60-61       |                                   |             |
| 605-034-00-5 | reaction mass of:<br>(1 <i>RS</i> ,2 <i>RS</i> ,3 <i>SR</i> ,6 <i>RS</i> ,9 <i>SR</i> )-9-methoxytricyclo[5.2.1.0(2,6)]decane-3-carbaldehyde;<br><br>(1 <i>RS</i> ,2 <i>RS</i> ,3 <i>RS</i> ,6 <i>RS</i> ,8 <i>SR</i> )-8-methoxytricyclo[5.2.1.0(2,6)]decane-3-carbaldehyde;<br><br>(1 <i>RS</i> ,2 <i>RS</i> ,4 <i>SR</i> ,6 <i>RS</i> ,8 <i>SR</i> )-8-methoxytricyclo[5.2.1.0(2,6)]decane-4-carbaldehyde | 429-860-9 | -           | R43<br><br>N; R51-53          | Xi; N<br><br>R: 43-51/53<br><br>S: (2-)24-37-61       |                                   |             |
| 605-035-00-0 | ( <i>E</i> )-3-(4-(4-fluorophenyl)-5-methoxymethyl-2,6-bis(1-methoxymethyl)pyridin-3-yl)prop-2-enal                                                                                                                                                                                                                                                                                                          | 426-330-9 | 177964-68-0 | Xi; R36<br><br>R43<br><br>R53 | Xi<br><br>R: 36-43-53<br><br>S: (2-)24-26-37-61       |                                   |             |
| 605-036-00-6 | 2-bromomalonaldehyde                                                                                                                                                                                                                                                                                                                                                                                         | 430-470-6 | 2065-75-0   | Xn; R22<br><br>Xi; R41        | Xn<br><br>R: 22-41<br><br>S: (2-)26-39                |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                  | EG-Nummer | CAS-Nummer  | Einstufung                                         | Kennzeichnung                                         | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------------------------------------------|-------------------------------------------------------|-----------------------------------|-------------|
| 605-037-00-1 | <i>trans</i> -3-[2-(7-chloro-2-quinoliny)vinyl]benzaldehyde;<br><br>3-[( <i>E</i> )-2-(7-chloro-2-quinoliny)vinyl]benzaldehyde                                                                                        | 421-800-1 | 120578-03-2 | R53                                                | R: 53<br><br>S: 22-61                                 |                                   |             |
| 605-038-00-7 | 3-methyl-5-phenylpentan-1-al                                                                                                                                                                                          | 433-900-0 | 55066-49-4  | Xn; R22<br><br>Xi; R38<br><br>R43<br><br>N; R51-53 | Xn; N<br><br>R: 22-38-43-51/53<br><br>S: (2-)36/37-61 |                                   |             |
| 605-039-00-2 | 3,4-dihydroxy-5-nitrobenzaldehyde                                                                                                                                                                                     | 441-810-8 | 116313-85-0 | Xn; R22<br><br>Xi; R41<br><br>R43                  | Xn<br><br>R: 22-41-43<br><br>S: (2-)22-24-26-37/39    |                                   |             |
| 606-074-00-6 | reaction mass of: (1 <i>R</i> *,2 <i>S</i> *)-2-acetyl-1,2,3,4,5,6,7,8-octahydro-1,2,8,8-tetramethylnaphthalene;<br><br>(2 <i>R</i> *,3 <i>S</i> *)-2-acetyl-1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethylnaphthalene | 425-570-1 | -           | N; R50-53                                          | N<br><br>R: 50/53<br><br>S: 60-61                     |                                   |             |
| 606-090-00-3 | 1-[3-[(dimethylamino)methyl]-4-hydroxyphenyl]ethanone                                                                                                                                                                 | 430-920-1 | 73096-98-7  | Xn; R22<br><br>Xi; R41<br><br>R52-53               | Xn<br><br>R: 22-41-52/53<br><br>S: (2-)22-26-39-61    |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                 | EG-Nummer | CAS-Nummer  | Einstufung        | Kennzeichnung                           | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------|-----------------------------------------|-----------------------------------|-------------|
| 606-093-00-X | 5-ethyl-2,4-dihydro-4-(2-phenoxyethyl)-3 <i>H</i> -1,2,4-triazol-3-one                                                                                                                               | 414-470-3 | 95885-13-5  | Xn; R22<br>R52-53 | Xn<br>R: 22-52/53<br>S: (2-)22-36-61    |                                   |             |
| 606-094-00-5 | <i>N</i> -[ethyl(3-methylbutyl)amino]-3-methyl-1-phenyl-spiro[[1]benzopyrano[2,3- <i>c</i> ]pyrazole-4(1 <i>H</i> ),1'(3' <i>H</i> )-isobenzofuran]-3'-one                                           | 417-460-7 | -           | R53               | R: 53<br>S: 61                          |                                   |             |
| 606-095-00-0 | ( <i>R,S</i> )-2-azabicyclo[2.2.1]hept-5-en-3-one                                                                                                                                                    | 421-830-3 | 49805-30-3  | Xn; R22<br>R43    | Xn<br>R: 22-43<br>S: (2-)22-24-37       |                                   |             |
| 606-096-00-6 | 3-(6- <i>O</i> -(6-desoxy- $\alpha$ -L-mannopyranosyl- <i>O</i> -( $\alpha$ -D-glucopyranosyl)-( $\beta$ -D-glucopyranosyl)oxy)-2-(3,4-dihydroxyphenyl)-5,7-dihydroxy-4 <i>H</i> -1-benzopyran-4-one | 424-170-4 | 130603-71-3 | R43<br>N; R51-53  | Xi; N<br>R: 43-51/53<br>S: (2-)24-37-61 |                                   |             |
| 606-097-00-1 | 2,2"-dihydroxy-4,4"-(2-hydroxypropane-1,3-diylidioxy)dibenzophenone                                                                                                                                  | 424-210-0 | 23911-85-5  | R53               | R: 53<br>S: 61                          |                                   |             |
| 606-098-00-7 | 1-benzyl-5-(hexadecyloxy)-2,4-imidazolidinedione                                                                                                                                                     | 431-220-9 | 158574-65-3 | R53               | R: 53<br>S: 61                          |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                                                           | EG-Nummer | CAS-Nummer  | Einstufung                                              | Kennzeichnung                                 | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|---------------------------------------------------------|-----------------------------------------------|-----------------------------------|-------------|
| 606-099-00-2 | 5-methoxy-4'-(trifluoromethyl)valerophenone                                                                                                                                                                                                                                                                                                                                                                                                                    | 425-000-1 | 61718-80-7  | N; R51-53                                               | N<br><br>R: 51/53<br><br>S: 61                |                                   |             |
| 606-100-00-6 | 2-butyryl-3-hydroxy-5-thiocyclohexan-3-yl-cyclohex-2-en-1-one                                                                                                                                                                                                                                                                                                                                                                                                  | 425-150-8 | 94723-86-1  | Repr.Cat.2; R60<br><br>Xn; R22<br><br>R43<br><br>R52-53 | T<br><br>R: 60-22-43-52/53<br><br>S: 53-45-61 |                                   | E           |
| 606-101-00-1 | reaction mass of: 1,5-bis[(2-ethylhexyl)amino]-9,10-anthracenedione;<br><br>1-[(2-ethylhexyl)amino]-5-[3-(2-ethylhexyl)oxy]propyl]amino-9,10-anthracenedione;<br><br>1,5-bis[3-(2-ethylhexyl)oxy]propyl]amino-9,10-anthracenedione;<br><br>1-[(2-ethylhexyl)amino]-5-[(3-methoxypropyl)amino]-9,10-anthracene dione;<br><br>1-[3-[(2-ethylhexyl)oxy]propyl]amino-5-[(3-methoxypropyl)amino]-9,10-anthracenedione;<br><br>1,5-bis[(3-methoxypropyl)amino]-9,10- | 426-050-7 | 165038-51-7 | N; R50-53                                               | N<br><br>R: 50/53<br><br>S: 60-61             |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                    | EG-Nummer | CAS-Nummer  | Einstufung          | Kennzeichnung                               | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|---------------------------------------------------------|-----------|-------------|---------------------|---------------------------------------------|-----------------------------------|-------------|
|              | anthracenedione                                         |           |             |                     |                                             |                                   |             |
| 606-102-00-7 | 4-(3-triethoxysilylpropoxy)-2-hydroxybenzophenone       | 431-490-8 | 79876-59-8  | N; R51-53           | N<br>R: 51/53<br>S: 61                      |                                   |             |
| 606-103-00-2 | 1-(4-(trans-4-ethylcyclohexyl)phenyl)ethanone           | 426-460-6 | -           | R43                 | Xi<br>R: 43<br>S: (2-)24-37                 |                                   |             |
| 606-104-00-8 | 1-(4-(trans-4-pentylcyclohexyl)phenyl)ethanone          | 426-830-7 | 78531-59-6  | R43<br>R53          | Xi<br>R: 43-53<br>S: (2-)24-37-61           |                                   |             |
| 606-105-00-3 | 3,4,3',4'-tetraphenyl-1,1'-ethandiylbispyrrol-2,5-dione | 431-500-0 | 226065-73-2 | R43<br>R53          | Xi<br>R: 43-53<br>S: (2-)22-24-37-61        |                                   |             |
| 606-106-00-9 | 1-(4-(trans-4-butylcyclohexyl)phenyl)ethanone           | 427-320-7 | 83626-30-6  | R43<br>R53          | Xi<br>R: 43-53<br>S: (2-)24-37-61           |                                   |             |
| 606-107-00-4 | 8-azaspiro[4.5]decane-7,9-dione                         | 427-770-4 | 1075-89-4   | T; R25<br>N; R51-53 | T; N<br>R: 25-51/53<br>S: (1/2-)22-36-45-61 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                            | EG-Nummer | CAS-Nummer | Einstufung                        | Kennzeichnung                                           | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|---------------------------------------------------------------------------------------------------------------------------------|-----------|------------|-----------------------------------|---------------------------------------------------------|-----------------------------------|-------------|
| 606-108-00-X | 1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-3-pentanone                                                                    | 436-710-6 | 756-13-8   | R52-53                            | R: 52/53<br>S: 61                                       |                                   |             |
| 606-109-00-5 | 2-(4-methyl-3-pentenyl)anthraquinone                                                                                            | 428-320-1 | 71308-16-2 | Xn; R22<br>R43<br>R53             | Xn<br>R: 22-43-53<br>S: (2-)22-24-37-61                 |                                   |             |
| 606-110-00-0 | 5-ethoxy-5H-furan-2-one                                                                                                         | 428-330-4 | 2833-30-9  | C; R34<br>Xn; R21/22-48/22<br>R43 | C<br>R: 21/22-34-43-48/22<br>S: (1/2-)23-26-36/37/39-45 |                                   |             |
| 606-111-00-6 | 5-amino-6-methyl-1,3-dihydrobenzoimidazol-2-one                                                                                 | 428-410-9 | 67014-36-2 | Xn; R22<br>R43<br>N; R51-53       | Xn; N<br>R: 22-43-51/53<br>S: (2-)24-37-61              |                                   |             |
| 606-112-00-1 | (4a <i>R</i> *,8a <i>R</i> *)-4a,5,9,10,11,12-hexahydro-3-methoxy-11-methyl-6 <i>H</i> -benzofuro[3a,3,2-ef][2]benzazepin-6-one | 428-690-2 | 1668-86-6  | Xn; R22<br>Xi; R36<br>R52-53      | Xn<br>R: 22-36-52/53<br>S: (2-)22-26-61                 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                             | EG-Nummer | CAS-Nummer  | Einstufung                                            | Kennzeichnung                                   | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|----------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------------------------------------------|-------------------------------------------------|-----------------------------------|-------------|
| 606-113-00-7 | 1-[4-(4-benzoylphenylsulfanyl)phenyl]-2-methyl-2-(4-methylphenylsulfonyl)propan-1-one                                            | 429-040-0 | 272460-97-6 | Xi; R41<br><br>R53                                    | Xi<br><br>R: 41-53<br><br>S: (2-)26-39-61       |                                   |             |
| 606-114-00-2 | 4,4',5,5',6,6',7,7'-octachloro-(2,2')biisoindolyl-1,1',3,3'-tetraone                                                             | 429-150-9 | 67887-47-2  | R53                                                   | <br><br>R: 53<br><br>S: 61                      |                                   |             |
| 606-115-00-8 | profoxydim (ISO);<br><br>2-{{(EZ)-1-[(2RS)-2-(4-chlorophenoxy)propoxyimino]butyl}-3-hydroxy-5-(thian-3-yl)cyclohex-2-en-1-one    | -         | 139001-49-3 | Carc. Cat. 3; R40<br><br>Repr. Cat. 3; R63<br><br>R43 | Xn<br><br>R: 40-43-63<br><br>S: (2-)36/37-46    |                                   |             |
| 606-116-00-3 | tepraloxymid (ISO);<br><br>(RS)-(EZ)-2-{{1-[(2E)-3-chloroallyloxyimino]propyl}-3-hydroxy-5-perhydropyran-4-ylcyclohex-2-en-1-one | -         | 149979-41-9 | Carc. Cat. 3; R40<br><br>Repr. Cat. 3; R62-63         | Xn<br><br>R: 40-62-63<br><br>S: (2-)36/37-46    |                                   |             |
| 606-117-00-9 | 2,6-bis(1,1-dimethylethyl)-4-(phenylenemethylene)cyclohexa-2,5-dien-1-one                                                        | 429-460-4 | 7078-98-0   | R43<br><br>R53                                        | Xi<br><br>R: 43-53<br><br>S: (2-)24-37-61       |                                   |             |
| 606-118-00-4 | N-(1,3-dimethylbutyl)-N'-(phenyl)-1,4-benzoquinondiimine                                                                         | 429-640-2 | 52870-46-9  | Xi; R36<br><br>N; R50-53                              | Xi; N<br><br>R: 36-50/53<br><br>S: (2-)26-60-61 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                      | EG-Nummer | CAS-Nummer  | Einstufung                                                  | Kennzeichnung                                                           | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------|-----------|-------------|-------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------|-------------|
| 606-119-00-X | (E)-3-methyl-5-cyclopentadecen-1-one                                                      | 429-900-5 | -           | R43<br><br>N; R50-53                                        | Xi; N<br><br>R: 43-50/53<br><br>S: (2-)24-37-60-61                      |                                   |             |
| 606-120-00-5 | 2,5-dihydroxy-5-methyl-3-(morpholin-4-yl)-2-cyclopenten-1-one                             | 430-170-5 | 114625-74-0 | Xn; R22<br><br>R52-53                                       | Xn<br><br>R: 22-52/53<br><br>S: (2-)46-61                               |                                   |             |
| 606-121-00-0 | (+)-(1S,2S,3S,5R)-2,6,6-trimethylbicyclo[3.1.1]heptane-3-spiro-1'-(cyclohex-2'-en-4'-one) | 430-460-1 | 133636-82-5 | C; R34<br><br>R43<br><br>N; R50-53                          | C; N<br><br>R: 34-43-50/53<br><br>S: (1/2-)26-36/37/39-45-57-60-61      |                                   |             |
| 606-122-00-6 | 3-(2-bromopropionoyl)-4,4-dimethyl-1,3-oxazolan-2-one                                     | 430-820-8 | 114341-88-7 | Xn; R22-48/22<br><br>Xi; R38-41<br><br>R43<br><br>N; R50-53 | Xn; N<br><br>R: 22-38-41-43-48/22-50/53<br><br>S: (2-)26-36/37/39-60-61 |                                   |             |
| 606-123-00-1 | 4-hexadecyl-1-phenylpyrazolidin-3-one                                                     | 430-840-7 | -           | R43<br><br>R53                                              | Xi<br><br>R: 43-53<br><br>S: (2-)24-37-61                               |                                   |             |
| 606-124-00-7 | 1-cyclopropyl-3-(2-methylthio-4-trifluoromethylphenyl)-1,3-                               | 421-080-7 | 161462-35-7 | Xn; R48/22                                                  | Xn; N                                                                   |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                    | EG-Nummer | CAS-Nummer  | Einstufung        | Kennzeichnung                        | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------|--------------------------------------|-----------------------------------|-------------|
|              | propanedione                                                                                                                                                            |           |             | N; R50-53         | R: 48/22-50/53<br>S: (2-)36-60-61    |                                   |             |
| 606-125-00-2 | 1-benzylimidazolidine-2,4-dione                                                                                                                                         | 421-340-1 | 6777-05-5   | Xn; R22           | Xn<br>R: 22<br>S: (2-)22             |                                   |             |
| 606-126-00-8 | 1,4-bis(2,3-dihydroxypropylamino)anthraquinone                                                                                                                          | 421-470-7 | 99788-75-7  | N; R51-53         | N<br>R: 51/53<br>S: 61               |                                   |             |
| 606-128-00-9 | 2,2'-(1,3-phenylene)bis[5-chloro-1 <i>H</i> -isoindole]-1,3(2 <i>H</i> )-dione                                                                                          | 422-650-8 | 148935-94-8 | R53               | R: 53<br>S: 61                       |                                   |             |
| 606-129-00-4 | 5-amino-[2 <i>S</i> -di(methylphenyl)amino]-1,6-diphenyl-4 <i>Z</i> -hexen-3-one;<br><br>(2 <i>S</i> ,4 <i>Z</i> )-5-amino-2-(dibenzylamino)-1,6-diphenylhex-4-en-3-one | 423-090-7 | 156732-13-7 | R53               | R: 53<br>S: 61                       |                                   |             |
| 606-130-00-X | 4-(1,4-dioxa-spiro[4.5]dec-8-yl)-cyclohexanone                                                                                                                          | 423-860-2 | 56309-94-5  | R43<br>R52-53     | Xi<br>R: 43-52/53<br>S: (2-)24-37-61 |                                   |             |
| 606-131-00-5 | cyclic 3-(1,2-ethanediylacetale)-estra-5(10),9(11)-diene-3,17-                                                                                                          | 427-230-8 | 5571-36-8   | Repr. Cat. 2; R60 | T; N                                 |                                   | E           |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                          | EG-Nummer | CAS-Nummer  | Einstufung              | Kennzeichnung                        | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------------|--------------------------------------|-----------------------------------|-------------|
|              | dione                                                                                                                                                                                                                                                         |           |             | Xn; R48/22<br>N; R51-53 | R: 60-48/22-51/53<br>S: 53-45-61     |                                   |             |
| 606-132-00-0 | (6β)-6,19-epoxyandrost-4-ene-3,17-dione                                                                                                                                                                                                                       | 433-490-3 | 6563-83-3   | R43<br>R52-53           | Xi<br>R: 43-52/53<br>S: (2-)24-37-61 |                                   |             |
| 606-134-00-1 | androsta-1,4,9(11)-triene-3,17-dione                                                                                                                                                                                                                          | 433-560-3 | 15375-21-0  | Repr. Cat.3; R62        | Xn<br>R: 62<br>S: (2-)22-36/37       |                                   |             |
| 606-135-00-7 | cyclohexadecanone                                                                                                                                                                                                                                             | 438-930-8 | 2550-52-9   | R53                     | R: 53<br>S: 61                       |                                   |             |
| 606-136-00-2 | (3 <i>S</i> ,6 <i>R</i> ,9 <i>S</i> ,12 <i>R</i> ,15 <i>S</i> ,18 <i>R</i> ,21 <i>S</i> ,24 <i>R</i> )-6,18-dibenzyl-3,9,15,21-tetraisobutyl-4,10,12,16,22,24-hexamethyl-1,7,13,19-tetraoxa-4,10,16,22-tetraazacyclo-tetracosane-2,5,8,11,14,17,20,23-octaone | 444-350-6 | 133413-70-4 | Xi; R36<br>R53          | Xi<br>R: 36-53<br>S: (2-)26-61       |                                   |             |
| 606-137-00-8 | <i>trans</i> -7,7'-dimethyl-(4 <i>H</i> ,4 <i>H'</i> )-(2,2')bi[benzo[1,4]thiazinylidene]-3,3'-dione                                                                                                                                                          | 444-750-0 | 211387-26-7 | R53                     | R: 53<br>S: 22-61                    |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                             | EG-Nummer | CAS-Nummer  | Einstufung                                                             | Kennzeichnung                                                                 | Spezifische Konzentrationsgrenzen                                                                                 | Anmerkungen |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------|
| 606-138-00-3 | (2-butyl-5-nitrobenzofuran-3-yl)[4-(3-dibutylaminopropoxy)phenyl]methanone                                                                                                       | 444-800-1 | 141645-23-0 | R10<br><br>Xn; R22-48/22<br><br>Xi; R38-41<br><br>R43<br><br>N; R50-53 | Xn; N<br><br>R: 10-22-38-41-43-48/22-50/53<br><br>S: (2-)23-26-36/37/39-60-61 | N; R50-53: $C \geq 2,5 \%$<br><br>N; R51-53: $0,25 \% \leq C < 2,5 \%$<br><br>R52-53: $0,025 \% \leq C < 0,25 \%$ |             |
| 606-139-00-9 | (S)-4-(3,4-dichlorophenyl)-3,4-dihydro-2H-naphthalen-1-one                                                                                                                       | 444-830-5 | 124379-29-9 | R53                                                                    | R: 53<br><br>S: 61                                                            |                                                                                                                   |             |
| 606-140-00-4 | 2-hydroxy-1-(4-(4-(2-hydroxy-2-methylpropionyl)benzyl)phenyl)-2-methylpropan-1-one                                                                                               | 444-860-9 | 474510-57-1 | Xn; R48/22<br><br>N; R50-53                                            | Xn; N<br><br>R: 48/22-50/53<br><br>S: (2-)22-36-60-61                         |                                                                                                                   |             |
| 606-141-00-X | sodium 3-(methoxycarbonyl)-4-oxo-3,4,5,6-tetrahydro-2-pyridinolate                                                                                                               | 418-410-7 | -           | Xi; R36                                                                | Xi<br><br>R: 36<br><br>S: (2-)26                                              |                                                                                                                   |             |
| 606-142-00-5 | reaction mass of: (1RS,2SR,7SR,8SR,E) 9 and 10-ethylidene-3-oxatricyclo[6.2.1.0(2,7)]undecan-4-one;<br><br>(1RS,2SR,7SR,8SR,Z)-10-ethylidene-3-oxatricyclo[6.2.1.0(2,7)]undecan- | 434-290-9 | -           | Xn; R22<br><br>N; R51-53                                               | Xn; N<br><br>R: 22-51/53<br><br>S: (2-)61                                     |                                                                                                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                              | EG-Nummer | CAS-Nummer  | Einstufung                                               | Kennzeichnung                                                   | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------|-------------|
|              | 4-one;<br><br>(1 <i>RS</i> ,2 <i>SR</i> ,7 <i>SR</i> ,8 <i>SR</i> , <i>Z</i> )-9-ethylidene-3-oxatricyclo[6.2.1.0 <sup>(2,7)</sup> ]undecan-4-one |           |             |                                                          |                                                                 |                                   |             |
| 607-417-00-2 | 3-chloropropyl chloroformiate                                                                                                                     | 425-770-9 | 628-11-5    | T; R23<br><br>Xn; R22-48/22<br><br>Xi; R38-41<br><br>R43 | T<br><br>R: 22-23-38-41-43-48/22<br><br>S: (1/2-)26-36/37/39-45 |                                   |             |
| 607-428-00-2 | tetrasodium ethylene diamine tetraacetate                                                                                                         | 200-573-9 | 64-02-8     | Xn; R22<br><br>Xi; R41                                   | Xn<br><br>R: 22-41<br><br>S: (2-)26-39-46                       |                                   |             |
| 607-429-00-8 | edetic acid;<br><br>(EDTA)                                                                                                                        | 200-449-4 | 60-00-4     | Xi; R36                                                  | Xi<br><br>R: 36<br><br>S: (2-)26                                |                                   |             |
| 607-471-00-7 | 1,6-bis((dibenzylthiocarbamoyl)disulfanyl)hexane                                                                                                  | 429-280-6 | 151900-44-6 | R53                                                      | <br><br>R: 53<br><br>S: 61                                      |                                   |             |
| 607-473-00-8 | pentaerythritol, dipentaerythritol, fatty acids, C <sub>6-10</sub> , mixed esters with adipic acid, heptanoic acid and isostearic acid            | 426-590-3 | 187412-41-5 | R43                                                      | Xi<br><br>R: 43                                                 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                         | EG-Nummer | CAS-Nummer  | Einstufung                              | Kennzeichnung                                         | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-----------------------------------------|-------------------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                              |           |             |                                         | S: (2-)24-37                                          |                                   |             |
| 607-477-00-X | (1 $\alpha$ 5 $\alpha$ 6 $\alpha$ )-6-nitro-3-benzyl-3-azabicyclo[3.1.0]hexane methanesulfonate salt                         | 426-740-8 | -           | Xn; R22<br><br>Xi; R41<br><br>N; R51-53 | Xn; N<br><br>R: 22-41-51/53<br><br>S: (2-)22-26-39-61 |                                   |             |
| 607-481-00-1 | reaction mass of: trihexyl citrate;<br><br>dihexyloctyl citrate;<br><br>dioctylhexyl citrate;<br><br>dihexyldecyl citrate    | 430-290-8 | -           | R53                                     | R: 53<br><br>S: 61                                    |                                   |             |
| 607-482-00-7 | <i>N</i> -[1-( <i>S</i> )-ethoxycarbonyl-3-phenylpropyl]-L-alanyl- <i>N</i> -carboxyanhydride                                | 430-360-8 | 84793-24-8  | Xi; R41<br><br>R43                      | Xi<br><br>R: 41-43<br><br>S: (2-)22-24-26-37/39       |                                   |             |
| 607-483-00-2 | 1,2-benzenedicarboxylic acid;<br><br>di-C <sub>6-8</sub> -branched alkylesters, C <sub>7</sub> -rich                         | 276-158-1 | 71888-89-6  | Repr. Cat. 2; R61                       | T<br><br>R: 61<br><br>S: 53-45                        |                                   |             |
| 607-484-00-8 | ethyl 2-{{[3-acetylamino-4-(6-bromo-2-methyl-1,3-dioxo-2,3-dihydro-1 <i>H</i> -isoindol-5-ylazo)phenyl]ethylamino}propionate | 430-480-0 | 221452-67-1 | R53                                     | R: 53<br><br>S: 61                                    |                                   |             |
| 607-485-00-3 | (3 <i>S</i> - <i>trans</i> )-phenyl-3-[(1,3-benzodioxol-5-yloxy)methyl]-4-                                                   | 430-510-2 | -           | R53                                     |                                                       |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                 | EG-Nummer | CAS-Nummer  | Einstufung                                                         | Kennzeichnung                                                   | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------|-------------|
|              | (4-fluorophenyl)-1-piperidinecarboxylate                                                                                                                                                                                                                                                                             |           |             |                                                                    | R: 53<br>S: 22-61                                               |                                   |             |
| 607-486-00-9 | potassium sodium 5'-(6-chloro-4-(2-(2-vinylsulfonylethoxy)ethylamino)-1,3,5-triazin-2-ylamino)-4'-hydroxy-2,3'-azodinaphthalene-1,2',5,7'-disulfonate                                                                                                                                                                | 402-110-8 | 110081-40-8 | R52-53                                                             | R: 52/53<br>S: 22-61                                            |                                   |             |
| 607-491-00-6 | reaction mass of: diester of 4,4'-methylenebis[2-(2-hydroxy-5-methylbenzyl)-3,6-dimethylphenol] and 6-diazo-5,6-dihydro-5-oxonaphthalene-1-sulfonic acid (1:2);<br><br>triester of 4,4'-methylenebis[2-(2-hydroxy-5-methylbenzyl)-3,6-dimethylphenol] and 6-diazo-5,6-dihydro-5-oxonaphthalene-1-sulfonic acid (1:3) | 427-140-9 | -           | Carc. Cat. 3; R40                                                  | Xn<br><br>R: 40<br><br>S: (2-)36/37                             |                                   |             |
| 607-504-00-5 | diammonium 1-hydroxy-2-(4-(4-carboxyphenylazo)-2,5-dimethoxyphenylazo)-7-amino-3-naphthalenesulfonate                                                                                                                                                                                                                | 422-670-7 | -           | Repr. Cat. 3; R62<br><br>T; R25<br><br>Xn; R48/22<br><br>N; R50-53 | T; N<br><br>R: 25-48/22-62-50/53<br><br>S: (1/2-)36/37-45-60-61 |                                   |             |
| 607-509-00-2 | 2-phenoxyethyl 4-aminobenzoate                                                                                                                                                                                                                                                                                       | 430-880-5 | 88938-23-2  | N; R51-53                                                          | N<br><br>R: 51/53<br><br>S: 61                                  |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                            | EG-Nummer | CAS-Nummer  | Einstufung                           | Kennzeichnung                                               | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------------------------|-------------------------------------------------------------|-----------------------------------|-------------|
| 607-510-00-8 | (2 <i>S</i> ,5 <i>R</i> )-6,6-dibromo-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid 4,4-dioxide                                                                                        | 427-200-4 | 76646-91-8  | Xn; R22<br><br>Xi; R38-41<br><br>R43 | Xn<br><br>R: 22-38-41-43<br><br>S: (2-)24-26-37/39          |                                   |             |
| 607-511-00-3 | reaction mass of: 4-[(3-decyloxypropyl)(3-isobutoxy-1-isobutoxycarbonyl-3-oxopropyl)amino]-4-oxobutyric acid;<br><br>4-[(3-isobutoxy-1-isobutoxycarbonyl-3-oxopropyl)(3-octyloxypropyl)amino]-4-oxobutyric acid | 423-750-4 | -           | Xi; R36<br><br>N; R51-53             | Xi; N<br><br>R: 36-51/53<br><br>S: (2-)26-61                |                                   |             |
| 607-514-00-X | potassium <i>N</i> -(1-methoxy-1-oxobut-2-en-3-yl)valinate                                                                                                                                                      | 427-240-2 | 134841-35-3 | R43                                  | Xi<br><br>R: 43<br><br>S: (2-)24-37                         |                                   |             |
| 607-518-00-1 | 3-oxoandrost-4-ene-17- $\beta$ -carboxylic acid                                                                                                                                                                 | 414-990-0 | 302-97-6    | Repr. Cat. 3; R62<br><br>R53         | Xn<br><br>R: 62-53<br><br>S: (2-)36/37-61                   |                                   |             |
| 607-519-00-7 | poly-[[[(4-((4-ethyl-ethylene)amino)phenyl)-((4-ethyl-(2-oxyethylene)amino)phenyl)methyl)cyclohexa-2,5-dienylidene)- <i>N</i> -ethyl- <i>N</i> -(2-hydroxyethyl)ammonium acetate]                               | 427-280-0 | 176429-27-9 | Xi; R37/38-41<br><br>N; R50-53       | Xi; N<br><br>R: 37/38-41-50/53<br><br>S: (2-)26-37/39-60-61 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EG-Nummer | CAS-Nummer  | Einstufung            | Kennzeichnung                                | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-----------------------|----------------------------------------------|-----------------------------------|-------------|
| 607-520-00-2 | reaction mass of: sodium 4,5-dihydro-2-[(propionato)(C <sub>6-18</sub> )alkyl]-3 <i>H</i> -imidazolium- <i>N</i> -ethylphosphate;<br><br>disodium 4,5-dihydro-2-[(dipropionato)(C <sub>6-18</sub> )alkyl]-3 <i>H</i> -imidazolium- <i>N</i> -ethylphosphate                                                                                                                                                                                                                                                                                   | 427-740-0 | -           | Xi; R41<br><br>R43    | Xi<br><br>R: 41-43<br><br>S: (2-)24-26-37/39 |                                   |             |
| 607-521-00-8 | tetraethyl <i>N,N'</i> -(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 429-270-1 | 136210-30-5 | R43<br><br>R52-53     | Xi<br><br>R: 43-52/53<br><br>S: (2-)36/37-61 |                                   |             |
| 607-522-00-3 | sodium salt of the polymer of: sodium 2-methyl-buta-1,3-diene-1-sulfonate with acrylic acid and 2-hydroxyethyl-2-methylacrylate                                                                                                                                                                                                                                                                                                                                                                                                               | 429-720-7 | 184246-86-4 | R52-53                | R: 52/53<br><br>S: 61                        |                                   |             |
| 607-523-00-9 | reaction mass of mono to tetra(lithium and/or sodium)3-amino-10-[4-(4-amino-3-sulfonatoanilino)-6-[methyl-(2-sulfonatoethyl)amino]-1,3,5-triazin-2-ylamino]-6-13-dichlorobenzo[1,2-B:4,5-B']di[1,4]benzoxazine-4,11-disulfonate; mono to tetra(lithium and/or sodium)3-amino-10-[4,6-bis(4-amino-3-sulfonatoanilino)-1,3,5-triazin-2-ylamino]-6-13-dichlorobenzo[1,2-B:4,5-B']di[1,4]benzoxazine-4,11-disulfonate; mono to penta(lithium and/or sodium)10,10'-diamino-6,6',13,13'-tetrachloro-3,3'-[6-[methyl-(2-sulfonatoethyl)amino]-1,3,5- | 430-200-7 | -           | Xi; R41<br><br>R52-53 | Xi<br><br>R: 41-52/53<br><br>S: (2-)26-39-61 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EG-Nummer | CAS-Nummer  | Einstufung                           | Kennzeichnung                                      | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              | triazin-2,4-diyl-diimino]bis[benzo[1,2-B:4,5-B']di[1,4]benzoxazine-4,11-disulfonate; mono to hepta(lithium and/or sodium)10-amino-6,6',13,13'-tetrachloro-10'[4-(4-amino-3-sulfonatoanilino)-[6-methyl-(2-sulfonatoethyl)amino]-1,3,5-triazin-2,4-diimino]bis[benzo[1,2-B:4,5-B']di[1,4]benzoxazine-4,11-disulfonate; mono to hepta(lithium and/or sodium)10,10'-diamino-6,6',3,3'[(2-sulfonato)-1,4-phenylenediiminobis[6-methyl-(2-sulfonatoethyl)amino]-1,3,5-triazin-2,4-diyl-diimino]bis[benzo[1,2-B:4,5-B']di[1,4]benzoxazine-4,11-disulfonate |           |             |                                      |                                                    |                                   |             |
| 607-524-00-4 | tall oil 2-[(tetrahydro-2 <i>H</i> -pyran-2-yl) thio]ethyl esters                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 430-310-5 | -           | R53                                  | R: 53<br>S: 61                                     |                                   |             |
| 607-525-00-X | ( <i>Z</i> )-2-methoxymino-2-[2-(tritylamino)thiazol-4-yl]acetic acid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 431-520-1 | 64485-90-1  | E; R2<br>Carc. Cat. 3; R40<br>R52-53 | E; Xn<br>R: 2-40-52/53<br>S: (2-)23-25-35-36/37-61 |                                   |             |
| 607-528-00-6 | ( <i>S</i> )-3-methyl-2-(2-oxotetrahydropyrimidine-1-yl)butyric acid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 430-900-2 | 192725-50-1 | Xi; R41                              | Xi<br>R: 41                                        |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                     | EG-Nummer | CAS-Nummer  | Einstufung              | Kennzeichnung                              | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------------|--------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                                                                                          |           |             |                         | S: (2-)26-39                               |                                   |             |
| 607-529-00-1 | benzyl <i>cis</i> -4-ammonium-4'-toluenesulfonato-1-cyclohexanecarboxylate                                                                                                               | 426-070-6 | 67299-45-0  | R52-53                  | R: 52/53<br>S: 61                          |                                   |             |
| 607-530-00-7 | reaction mass of isomers of: C <sub>7,9</sub> -alkyl 3-(3,5-di- <i>tert</i> -butyl-4-hydroxyphenyl)propionate                                                                            | 406-040-9 | 125643-61-0 | R53                     | R: 53<br>S: 61                             |                                   |             |
| 607-531-00-2 | methyl 3-amino-4,6-dibromo-2-methyl-benzoate                                                                                                                                             | 425-190-6 | 119916-05-1 | Xn; R48/22<br>N; R51-53 | Xn; N<br>R: 48/22-51/53<br>S: (2-)22-36-61 |                                   |             |
| 607-532-00-8 | ( <i>S</i> )-1-[2- <i>tert</i> -butoxycarbonyl-3-(2-methoxyethoxy)propyl]-1-cyclopentanecarboxylic acid, cyclohexylamine salt                                                            | 425-510-4 | 167944-94-7 | R52-53                  | R: 52/53<br>S: 61                          |                                   |             |
| 607-533-00-3 | pentasodium monohydrogen 6-chloro-3,10-bis[2-[4-chloro-6-(2,4-disulfophenylamino)-1,3,5-triazin-2-yl-amino]ethylamino]-13-ethylbenzo[5.6][1.4]oxazino[2,3-b]phenoxazine-4,11-disulfonate | 414-910-4 | -           | Xi; R41<br>R43          | Xi<br>R: 41-43<br>S: (2-)22-24-26-37/39    |                                   |             |
| 607-534-00-9 | ethyl 2-(3-benzoylphenyl)propanoate                                                                                                                                                      | 414-920-9 | 60658-04-0  | T; R25-48/25<br>R43     | T; N<br>R: 25-43-48/25-51/53               |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                              | EG-Nummer | CAS-Nummer  | Einstufung                                      | Kennzeichnung                                                       | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|---------------------------------------------------------------------------------------------------|-----------|-------------|-------------------------------------------------|---------------------------------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                   |           |             | N; R51-53                                       | S: (1/2-)36/37-45-61                                                |                                   |             |
| 607-535-00-4 | potassium 4-iodo-2-sulfonato-benzoic acid                                                         | 426-620-5 | -           | Xi; R41<br>R52-53                               | Xi<br>R: 41-52/53<br>S: (2-)26-39-61                                |                                   |             |
| 607-536-00-X | (2,6-xylyloxy) acetic acid                                                                        | 430-910-7 | 13335-71-2  | Xn; R22<br>Xi; R41<br>R52-53                    | Xn<br>R: 22-41-52/53<br>S: (2-)26-39-61                             |                                   |             |
| 607-537-00-5 | isopropylammonium 2-(3-benzoylphenyl)propionate                                                   | 417-970-1 | -           | T; R25-48/25<br>Xn; R21<br>Xi; R41<br>N; R50-53 | T; N<br>R: 21-25-41-48/25-50/53<br>S: (1/2-)22-26-36/37/39-45-60-61 |                                   |             |
| 607-539-00-6 | propyl((4-(5-oxo-3-propylisoxazolidin-4-ylidenmethin)phenyl)propoxycarbonylmethyleneamino)acetate | 431-000-2 | 198705-81-6 | R53                                             | R: 53<br>S: 61                                                      |                                   |             |
| 607-540-00-1 | 1-(mercaptomethyl)cyclopropylacetic acid                                                          | 420-240-3 | 162515-68-6 | C; R34<br>Xn; R21/22                            | C; N<br>R: 21/22-34-43-51/53                                        |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                         | EG-Nummer | CAS-Nummer  | Einstufung                 | Kennzeichnung                                       | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------------------|-----------------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                                                                              |           |             | R43<br>N; R51-53           | S: (1/2-)22-26-36/37/39-45-61                       |                                   |             |
| 607-541-00-7 | [(1-methyl-1,2-ethanediy)bis[nitrilobis(methylen e)]]tetrakis(phosphonic acid)                                                                                               | 421-940-1 | 28698-31-9  | Xi; R41<br>N; R50-53       | Xi; N<br>R: 41-50/53<br>S: (2-)26-39-60-61          |                                   |             |
| 607-542-00-2 | methyl 2-(4-butanesulfonamidophenoxy)tetra decanoate                                                                                                                         | 422-110-1 | -           | N; R50-53                  | N<br>R: 50/53<br>S: 60-61                           |                                   |             |
| 607-543-00-8 | poly-[[((4-((4-(ethyl-ethylene)amino)phenyl)-(4-(ethyl-(2-oxyethylene)amino)phenyl)methi nyl)-3-methylcyclohexa-2,5-dienylidene)-N-ethyl-N-(2-hydroxyethyl)ammonium acetate] | 427-480-8 | 176429-22-4 | Xi; R37/38-41<br>N; R50-53 | Xi; N<br>R: 37/38-41-50/53<br>S: (2-)26-37/39-60-61 |                                   |             |
| 607-544-00-3 | ethyl 6,8-difluoro-1-(formylmethylamino)-1,4-dihydro-7-(4-methyl)piperazin-1-yl)-4-oxo-quinoline-3-carboxylate                                                               | 427-490-2 | 158585-86-5 | R52-53                     | R: 52/53<br>S: 61                                   |                                   |             |
| 607-545-00-9 | 1,2-dimethyl-3-(1-methylethenyl)cyclopentyl acetate                                                                                                                          | 424-070-0 | 94346-09-5  | Xi; R38<br>N; R51-53       | Xi; N<br>R: 38-51/53<br>S: (2-)37-61                |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                 | EG-Nummer | CAS-Nummer  | Einstufung                              | Kennzeichnung                                         | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-----------------------------------------|-------------------------------------------------------|-----------------------------------|-------------|
| 607-546-00-4 | reaction mass of: methyl {[5-acetylamino-4-(2-chloro-4-nitrophenylazo)phenyl]methoxycarbonylmethylamino}acetate;<br><br>methyl {[5-acetylamino-4-(2-chloro-4-nitrophenylazo)phenyl]ethoxycarbonylmethylamino}acetate | 424-290-7 | 188070-47-5 | R43                                     | Xi<br><br>R: 43<br><br>S: (2-)22-24-37                |                                   |             |
| 607-547-00-X | 18-methylnonadecyl 2,2 - dimethylpropanoate                                                                                                                                                                          | 424-370-1 | 125496-22-2 | Xi; R38<br><br>R43<br><br>R53           | Xi<br><br>R: 38-43-53<br><br>S: (2-)24-37-61          |                                   |             |
| 607-548-00-5 | 1-(2,4-dichlorophenyl)-2-(1 <i>H</i> -imidazol-1-yl)ethanone methanesulfonate                                                                                                                                        | 431-010-7 | 154486-26-7 | Xn; R22<br><br>Xi; R41<br><br>N; R51-53 | Xn; N<br><br>R: 22-41-51/53<br><br>S: (2-)22-26-39-61 |                                   |             |
| 607-549-00-0 | methyl (E)-2((3-(1,3-benzodioxol-5-yl)-2-methyl-1-propenyl)amino)benzoate                                                                                                                                            | 424-430-7 | 125778-19-0 | N; R50-53                               | N<br><br>R: 50/53<br><br>S: 60-61                     |                                   |             |
| 607-550-00-6 | 2-amino-4-bromo-5-chlorobenzoic acid                                                                                                                                                                                 | 424-700-4 | -           | Xi; R41<br><br>R52-53                   | Xi<br><br>R: 41-52/53<br><br>S: (2-)26-39-61          |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                 | EG-Nummer | CAS-Nummer  | Einstufung                                                     | Kennzeichnung                                                           | Spezifische Konzentrationsgrenzen | Anmerkungen |
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| 607-551-00-1 | tetrabutylammonium 2-amino-6-iodopurinate                                                                                                                                                                                                                            | 424-710-9 | 156126-48-6 | Xn; R21/22-48/22<br><br>Xi; R38-41<br><br>R43<br><br>N; R51-53 | Xn; N<br><br>R: 21/22-38-41-43-48/22-51/53<br><br>S: (2-)26-36/37/39-61 |                                   |             |
| 607-552-00-7 | hexadecyl 3-amino-4-isopropoxybenzoate                                                                                                                                                                                                                               | 424-830-1 | -           | R53                                                            | R: 53<br><br>S: 35-61                                                   |                                   |             |
| 607-553-00-2 | 7-amino-4-hydroxy-2-naphthalenesulfonic acid, coupled with 5 (or 8) -amino-8 (or 5)-[[4-[[4-[[4-amino-6(or 7)-sulfo-1-naphthyl]azo]phenyl]amino]-3-sulfophenyl]azo]-2-naphthalenesulfonic acid and 4-hydroxy-7-(phenylamino)-2-naphthalenesulfonic acid, sodium salt | 424-850-0 | -           | Xi; R41                                                        | Xi<br><br>R: 41<br><br>S: (2-)26-39                                     |                                   |             |
| 607-554-00-8 | 2,4-diamino-5-[4-[(2-sulfoxyethyl)sulfonyl]phenylazo]benzene sulfonic acid                                                                                                                                                                                           | 424-870-1 | 27624-67-5  | E; R3<br><br>Xi; R41<br><br>R52-53                             | E; Xi<br><br>R: 3-41-52/53<br><br>S: (2-)22-26-35-39-61                 |                                   |             |
| 607-555-00-3 | 1,1,3,3-tetramethylbutylperoxyvalate                                                                                                                                                                                                                                 | 424-980-8 | 22288-41-1  | F; R11<br><br>O; R7                                            | F; O; Xi; N<br><br>R: 7-11-38-43-51/53                                  |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                   | EG-Nummer | CAS-Nummer  | Einstufung                                               | Kennzeichnung                                                           | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                                                                        |           |             | Xi; R38<br><br>R43<br><br>N; R51-53                      | S: (2-)7-14-16-36/37/39-47-61                                           |                                   |             |
| 607-556-00-9 | 2-acetoxymethylene-4-acetylphenylacetate                                                                                                                               | 425-160-2 | 24085-06-1  | Xn; R22-48/22<br><br>Xi; R41<br><br>R43<br><br>N; R50-53 | Xn; N<br><br>R: 22-41-43-48/22-50/53<br><br>S: (2-)22-26-36/37/39-60-61 |                                   |             |
| 607-557-00-4 | salt of: (1 <i>S</i> - <i>cis</i> )-1-amino-2,3-dihydro-1 <i>H</i> -inden-2-ol and [ <i>R</i> -[ <i>R</i> * <i>R</i> *]]-2,3-dihydroxybutanedioic acid                 | 425-210-3 | 169939-84-8 | R43                                                      | Xi<br><br>R: 43<br><br>S: (2-)24-37                                     |                                   |             |
| 607-558-00-X | 2 <i>S</i> -isopropyl-5 <i>R</i> -methyl-1 <i>R</i> -cyclohexyl (2 <i>R</i> ,5 <i>S</i> )-5-(4-amino-2-oxo-2 <i>H</i> -pyrimidin-1-yl)-[1.3]-oxathiolane-2-carboxylate | 425-250-1 | 147027-10-9 | N; R51-53                                                | N<br><br>R: 51/53<br><br>S: 61                                          |                                   |             |
| 607-559-00-5 | coconut oil, reaction products with glycerol esters of 3,5-bis(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid                                                       | 425-400-6 | 179986-09-5 | R53                                                      | R: 53<br><br>S: 61                                                      |                                   |             |
| 607-560-00-0 | ( <i>R</i> , <i>S</i> )-2-butyloctanedioic acid                                                                                                                        | 431-210-4 | 50905-10-7  | Xi; R41                                                  | Xi                                                                      |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                      | EG-Nummer | CAS-Nummer  | Einstufung                      | Kennzeichnung                                                 | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              |                                                                                                                                                                                                                           |           |             |                                 | R: 41<br>S: (2-)26-39                                         |                                   |             |
| 607-561-00-6 | sodium 4-hydroxy-3-( <i>N'</i> -(2-(2-hydroxyethylenesulfonyl)ethylen)ureido)-5-nitrobenzenesulfonate                                                                                                                     | 425-460-3 | -           | R43<br>R52-53                   | Xi<br>R: 43-52/53<br>S: (2-)24-37-61                          |                                   |             |
| 607-562-00-1 | reaction mass of: (2 <i>R</i> ,3 <i>R</i> )-3-(2-ethoxyphenoxy)-2-hydroxy-3-phenylpropylammonium methanesulfonate;<br><br>(2 <i>S</i> ,3 <i>S</i> )-3-(2-ethoxyphenoxy)-2-hydroxy-3-phenylpropylammonium methanesulfonate | 425-530-3 | 98769-75-6  | Xn; R22<br>Xi; R41<br>N; R51-53 | Xn; N<br>R: 22-41-51/53<br>S: (2-)22-26-39-61                 |                                   |             |
| 607-563-00-7 | 5,7-dichloro-4-hydroxyquinoline-3-carboxylic acid                                                                                                                                                                         | 431-250-2 | 171850-30-9 | N; R51-53                       | N<br>R: 51/53<br>S: 61                                        |                                   |             |
| 607-564-00-2 | 1,6-hexanediammonium, sodium 5-sulfato-1,3-benzenedicarboxylate                                                                                                                                                           | 425-730-0 | 51178-75-7  | R43                             | Xi<br>R: 43<br>S: (2-)24-37                                   |                                   |             |
| 607-565-00-8 | 3-ethyl 5-methyl 2-(2-aminoethoxymethyl)-4-(2-chlorophenyl)-1,4-dihydro-6-methyl-3,5-pyridinedicarboxylate                                                                                                                | 425-820-1 | 88150-42-9  | T; R25<br>Xn; R48/22<br>Xi; R41 | T; N<br>R: 25-41-48/22-50/53<br>S: (1/2-)26-36/37/39-45-60-61 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                               | EG-Nummer | CAS-Nummer  | Einstufung                              | Kennzeichnung                                         | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              |                                                                                                                                                                    |           |             | N; R50-53                               |                                                       |                                   |             |
| 607-566-00-3 | reaction mass of: dodecylphenyl dodecylhydroxybenzenecarboxylate;<br><br>bis(dodecylphenyl)dodecyl hydroxybenzenedicarboxylate                                     | 426-140-6 | -           | R53                                     | R: 53<br><br>S: 61                                    |                                   |             |
| 607-567-00-9 | potassium 3-iodo-6-methylbenzenesulfonate                                                                                                                          | 426-300-5 | -           | Xi; R41                                 | Xi<br><br>R: 41<br><br>S: (2-)26-39                   |                                   |             |
| 607-568-00-4 | potassium 2-chloro-3-(benzyloxy)propionate                                                                                                                         | 426-350-8 | 138666-92-9 | Xn; R22-48/22<br><br>Xi; R41<br><br>R43 | Xn<br><br>R: 22-41-43-48/22<br><br>S: (2-)26-36/37/39 |                                   |             |
| 607-569-00-X | reaction mass of: sodium 2-amino-4-(2,6-difluoropyrimidin-4-ylamino)benzenesulfonate;<br><br>sodium 2-amino-4-(4,6-difluoropyrimidin-4-ylamino)benzenesulfonate    | 426-470-0 | -           | R43                                     | Xi<br><br>R: 43<br><br>S: (2-)22-24-37                |                                   |             |
| 607-570-00-5 | sodium (6 <i>R-trans</i> )-7-amino-8-oxo-3-[[[1-(sulfomethyl)-1 <i>H</i> -tetrazol-5-yl]thio]methyl]-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate monohydrate | 426-520-1 | 71420-85-4  | R43                                     | Xi<br><br>R: 43<br><br>S: (2-)24-37                   |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                        | EG-Nummer | CAS-Nummer  | Einstufung                                   | Kennzeichnung                                                  | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------------------------------------|----------------------------------------------------------------|-----------------------------------|-------------|
| 607-571-00-0 | 2-cyclopentene-1-acetic acid, 3-hydroxy-2-pentyl-, methyl ester acetate                                                                                                                                                                                     | 431-400-7 | 57374-49-9  | R43<br><br>N; R51-53                         | Xi; N<br><br>R: 43-51/53<br><br>S: (2-)24-37-61                |                                   |             |
| 607-572-00-6 | diethyl thiophosphoryl (Z)-(2-aminothiazol-4-yl)methoxyimino acetate                                                                                                                                                                                        | 426-790-0 | 162208-27-7 | Xn; R21/22-48/22<br><br>R43<br><br>N; R50-53 | Xn; N<br><br>R: 21/22-43-48/22-50/53<br><br>S: (2-)36/37-60-61 |                                   |             |
| 607-573-00-1 | reaction mass of: disodium 7-(2,4-difluoropyrimidin-6-ylamino)-4-hydroxy-3-(4-methoxy-2-sulfonatophenylazo)naphthalene-2-sulfonate;<br><br>disodium 7-(4,6-difluoropyrimidin-2-ylamino)-4-hydroxy-3-(4-methoxy-2-sulfonatophenylazo)naphthalene-2-sulfonate | 426-840-1 | -           | Xi; R41                                      | Xi<br><br>R: 41<br><br>S: (2-)22-26-39                         |                                   |             |
| 607-574-00-7 | [1 <i>R</i> -(1- $\alpha$ ,2 $\beta$ ,5 $\alpha$ )]-mono[5-methyl-2-(1-methylethyl)cyclohexyl]butanedioate                                                                                                                                                  | 426-890-4 | 77341-67-4  | Xi; R41                                      | Xi<br><br>R: 41<br><br>S: (2-)26-39                            |                                   |             |
| 607-575-00-2 | 4-(5-(5-[1-(4-carboxyphenyl)hexahydro-2,4,6-trioxypyrimidin-5-ylidene]penta-1,3-dienyl)-1,2,3,4-tetrahydro-6-hydroxy-2,4-dioxypyrimidin-1-yl)benzoic acid-triethylamine salt                                                                                | 426-900-7 | -           | Xi; R37<br><br>R52-53                        | Xi<br><br>R: 37-52/53<br><br>S: (2-)61                         |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                         | EG-Nummer | CAS-Nummer  | Einstufung                                      | Kennzeichnung                                               | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------------------------------------|-------------------------------------------------------------|-----------------------------------|-------------|
| 607-576-00-8 | branched, octyl 3-[3,5-di( <i>tert</i> -butyl)-4-hydroxyphenyl]propanoate                                                                                    | 427-030-0 | -           | N; R50-53                                       | N<br><br>R: 50/53<br><br>S: 60-61                           |                                   |             |
| 607-577-00-3 | (2 <i>R</i> *,3 <i>S</i> *)-2-(2,4-difluorophenyl)-3-(5-fluoro-4-pyrimidinyl)-1-(1 <i>H</i> -1,2,4-triazol-1-yl)butan-2-ol (1 <i>R</i> )-10-camphorsulfonate | 427-100-0 | -           | Xn; R22<br><br>Xi; R41<br><br>R43<br><br>R52-53 | Xn<br><br>R: 22-41-43-52/53<br><br>S: (2-)22-24-26-37/39-61 |                                   |             |
| 607-578-00-9 | ethyl 4-((4-diethylamino-2-methylphenyl)imino)-4,5-dihydro-1-isopropyl-5-oxo-1 <i>H</i> -pyrazole-3-carboxylate                                              | 427-110-5 | -           | Xn; R22-48/22<br><br>R53                        | Xn<br><br>R: 22-48/22-53<br><br>S: (2-)36-61                |                                   |             |
| 607-579-00-4 | diethyl[( <i>p</i> -ethoxyanilino)methylene]malonate                                                                                                         | 431-430-0 | 103976-28-9 | Xn; R22<br><br>N; R51-53                        | Xn; N<br><br>R: 22-51/53<br><br>S: (2-)61                   |                                   |             |
| 607-580-00-X | ethyl 7-chloro-1-(2,4-difluorophenyl)-6-fluoro-1,4-dihydro-4-oxo-1,8-naphthyridine-3-carboxylate                                                             | 422-360-1 | 100491-29-0 | R43<br><br>N; R51-53                            | Xi; N<br><br>R: 43-51/53<br><br>S: (2-)22-24-37-61          |                                   |             |
| 607-581-00-5 | ethyl 2-ethoxy-4-carboxymethylbenzoate                                                                                                                       | 427-630-2 | 99469-99-5  | Xi; R41                                         | Xi<br><br>R: 41                                             |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                         | EG-Nummer | CAS-Nummer  | Einstufung                       | Kennzeichnung                                            | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------------------------|----------------------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                                                                                                                                                                                                                              |           |             |                                  | S: (2-)26-39                                             |                                   |             |
| 607-582-00-0 | reaction mass of: tetrasodium 7-(4-(4-fluoro-6-(4-(2-sulfonatoethylsulfonyl)phenylamino)-1,3,5-triazin-2-ylamino)-2-ureidophenylazo)naphthalene-1,3,6-trisulfonate;<br><br>tetrasodium 7-(4-(4-hydroxy-6-(4-(2-sulfonatoethylsulfonyl)phenylamino)-1,3,5-triazin-2-ylamino)-2-ureidophenylazo)naphthalene-1,3,6-trisulfonate | 427-650-1 | -           | R52-53                           | R: 52/53<br><br>S: 22-61                                 |                                   |             |
| 607-583-00-6 | 4-amino-3-[[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]azo]-1-naphthalene sulfonic acid                                                                                                                                                                                                                                           | 427-680-5 | 188907-52-0 | Xi; R41<br><br>R43<br><br>R52-53 | Xi<br><br>R: 41-43-52/53<br><br>S: (2-)22-24-26-37/39-61 |                                   |             |
| 607-584-00-1 | trisodium 3-[2-acetylamino-4-[4-chloro-6-[4-(2-sulfonatoxyethylsulfonyl)phenylamino]-1,3,5-triazine-2-ylamino]phenylazo]naphthalene-1,5-disulfonate                                                                                                                                                                          | 427-710-7 | 215612-56-9 | Xi; R41<br><br>R43<br><br>R52-53 | Xi<br><br>R: 41-43-52/53<br><br>S: (2-)24-26-37/39-61    |                                   |             |
| 607-585-00-7 | strontium 2-[(2-hydroxy-6-sulfonato-1-naphthyl)azo]naphthalene-1-sulfonate                                                                                                                                                                                                                                                   | 427-930-3 | -           | R43                              | Xi<br><br>R: 43<br><br>S: (2-)22-24-37                   |                                   |             |
| 607-586-00-2 | dodecyl 3-amino-4-                                                                                                                                                                                                                                                                                                           | 428-020-9 | 6195-20-6   | R43                              | Xi                                                       |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                  | EG-Nummer | CAS-Nummer  | Einstufung                        | Kennzeichnung                                           | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-----------------------------------|---------------------------------------------------------|-----------------------------------|-------------|
|              | chlorobenzoate                                                                                                                                                                                                        |           |             | R53                               | R: 43-53<br>S: (2-)24-37-61                             |                                   |             |
| 607-587-00-8 | ethyl <i>cis</i> -4-[4-[[2-(2,4-dichlorophenyl)-2-(1 <i>H</i> -imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]piperazine-1-carboxylate                                                                         | 428-030-3 | 67914-69-6  | Xn; R22-48/22<br>N; R50-53        | Xn; N<br>R: 22-48/22-50/53<br>S: (2-)36-60-61           |                                   |             |
| 607-588-00-3 | reaction mass of: 2-ethylhexyl 2,3,4,5-tetrabromobenzoate;<br><br>bis(2-ethylhexyl) 3,4,5,6-tetrabromophthalate                                                                                                       | 428-050-2 | -           | R43<br>N; R50-53                  | Xi; N<br>R: 43-50/53<br>S: (2-)36/37-60-61              |                                   |             |
| 607-589-00-9 | tetrakis(1,2,2,6,6-pentamethyl-4-piperidyl)-1,2,3,4-butanetetracarboxylate                                                                                                                                            | 428-070-1 | 91788-83-9  | T; R48/25<br>Xn; R22<br>N; R50-53 | T; N<br>R: 22-48/25-50/53<br>S: (1/2-)22-36-45-57-60-61 |                                   |             |
| 607-590-00-4 | hexadecyl 3-[2-(5,5-dimethyl-2,4-dioxo-1,3-oxazolidin-3-yl)-4,4-dimethyl-3-oxovaleramido]-4-isopropoxybenzoate                                                                                                        | 428-140-1 | 210706-50-6 | R53                               | R: 53<br>S: 61                                          |                                   |             |
| 607-591-00-X | reaction mass of: trisodium 5-(4-fluoro-6-morpholin-4-yl-1,3,5-triazin-2-ylamino)-4-hydroxy-3-(4-(2-sulfooxyethanesulfonyl)phenylazo)naphthalene-2,7-disulfonate;<br><br>disodium 3-(4-ethenesulfonylphenylazo)-5-(4- | 428-400-4 | -           | Xi; R41                           | Xi<br>R: 41<br>S: (2-)22-26-39                          |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                    | EG-Nummer | CAS-Nummer  | Einstufung        | Kennzeichnung                                 | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------|-----------------------------------------------|-----------------------------------|-------------|
|              | fluoro-6-morpholin-4-yl-1,3,5-triazin-2-ylamino)-4-hydroxynaphthalene-2,7-disulfonate                                   |           |             |                   |                                               |                                   |             |
| 607-592-00-5 | di(C <sub>9-11</sub> -alkyl) cyclohexane-1,4-dicarboxylate                                                              | 428-870-0 | -           | R53               | R: 53<br>S: 61                                |                                   |             |
| 607-593-00-0 | 4-(2-methylacryloyloxy)phenyl 4-allyloxybenzoate                                                                        | 429-000-2 | 159235-16-2 | R43<br>R52-53     | Xi<br>R: 43-52/53<br>S: (2-)24-37-61          |                                   |             |
| 607-594-00-6 | ethyl (1 <i>S</i> ,5 <i>R</i> ,6 <i>S</i> )-5-(1-ethylpropoxy)-7-oxabicyclo[4.1.0]hept-3-ene-3-carboxylate              | 429-020-1 | 204254-96-6 | Xn; R48/22<br>R43 | Xn<br>R: 43-48/22<br>S: (2-)22-36/37          |                                   |             |
| 607-595-00-1 | <i>N</i> -amidino- <i>N</i> -methylglycine-2-oxopropionate                                                              | 429-120-5 | 208535-04-0 | Xi; R41           | Xi<br>R: 41<br>S: (2-)26-39                   |                                   |             |
| 607-596-00-7 | ethyl 2-(4-phenoxyphenyl)lactate                                                                                        | 429-220-9 | 132584-17-9 | R43<br>N; R50-53  | Xi; N<br>R: 43-50/53<br>S: (2-)36/37-57-60-61 |                                   |             |
| 607-597-00-2 | tetrasodium 4,4'-bis{4-[4-(2-hydroxyethylamino)-6-(4-sulfonatoanilino)-1,3,5-triazin-2-ylamino]phenylazo}stilbene-2,2'- | 429-230-3 | -           | Xi; R41           | Xi<br>R: 41                                   |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                     | EG-Nummer | CAS-Nummer  | Einstufung                        | Kennzeichnung                                                   | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-----------------------------------|-----------------------------------------------------------------|-----------------------------------|-------------|
|              | disulfonate                                                                                                                                              |           |             |                                   | S: (2-)22-26-39                                                 |                                   |             |
| 607-598-00-8 | trisodium 3-amino-4-[4-[4-(2-ethenylsulfonylethoxy)ethylamino]-6-fluoro-1,3,5-triazine-2-ylamino]-2-sulfophenylazo]-5-hydroxynaphthalene-2,7-disulfonate | 429-240-8 | 212652-59-0 | Xi; R41                           | Xi<br><br>R: 41<br><br>S: (2-)26-39                             |                                   |             |
| 607-599-00-3 | 1,1-dimethylpropyl 3,5,5-trimethylperoxyhexanoate                                                                                                        | 431-610-9 | 68860-54-8  | O; R7<br><br>R43<br><br>N; R50-53 | O; Xi; N<br><br>R: 7-43-50/53<br><br>S: (2-)3-14-36/37/39-60-61 |                                   |             |
| 607-600-00-7 | (1S,1'R)-[1-(3',3'-dimethyl-1'-cyclohexyl)ethoxycarbonyl]methyl propanoate                                                                               | 431-700-8 | -           | N; R51-53                         | N<br><br>R: 51/53<br><br>S: 61                                  |                                   |             |
| 607-601-00-2 | 1,4-dihydroxy-2,2,6,6-tetramethyl piperidinium-2-hydroxy-1,2,3-propanetricarboxylate                                                                     | 429-370-5 | 220410-74-2 | Xn; R22                           | Xn<br><br>R: 22<br><br>S: (2-)                                  |                                   |             |
| 607-602-00-8 | ethyl (3-cyanomethyl-3,4-dihydro-4-oxophthalazin-1-yl)acetate                                                                                            | 429-680-0 | 122665-86-5 | R43<br><br>R52-53                 | Xi<br><br>R: 43-52/53<br><br>S: (2-)24-37-61                    |                                   |             |
| 607-603-00-3 | lithium sodium 4,4',4''-(nitrilotris(ethane-2,1-diylimino(6-chloro-1,3,5-triazine-4,2-diyl)imino))tris(5-hydroxy-6-                                      | 429-730-1 | 193562-37-7 | Xi; R41<br><br>R43                | Xi<br><br>R: 41-43                                              |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                                                    | EG-Nummer | CAS-Nummer  | Einstufung               | Kennzeichnung                                   | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------------|-------------------------------------------------|-----------------------------------|-------------|
|              | (1-sulfonaphthalene-2-ylazo)-2,7-naphthalene)disulfonate                                                                                                                                                                                                                                                                                                                                                                                                |           |             |                          | S: (2-)22-24-26-37/39                           |                                   |             |
| 607-604-00-9 | guanidinium benzoate                                                                                                                                                                                                                                                                                                                                                                                                                                    | 429-820-0 | 26739-54-8  | Xn; R22                  | Xn<br><br>R: 22<br><br>S: (2-)22-25             |                                   |             |
| 607-605-00-4 | methyl 4-iodo-2-(3-(4-methoxy-6-methyl-1,3,5-triazine-2-yl)ureidosulfonyl)benzoate                                                                                                                                                                                                                                                                                                                                                                      | 429-890-2 | 144550-06-1 | N; R50-53                | N<br><br>R: 50/53<br><br>S: 60-61               |                                   |             |
| 607-606-00-X | (Z)-2-(2-t-butoxycarbonylamino-4-thiazolyl)pent-2-enoic acid                                                                                                                                                                                                                                                                                                                                                                                            | 430-100-3 | 86978-24-7  | Xn; R22                  | Xn<br><br>R: 22<br><br>S: (2-)22                |                                   |             |
| 607-607-00-5 | reaction mass of: calcium bis(C <sub>10-14</sub> branched alkyl salicylate);<br><br>calcium bis(C <sub>18-30</sub> -alkyl salicylate);<br><br>calcium C <sub>10-14</sub> branched alkylsalicylato-C <sub>18-30</sub> -alkyl salicylate;<br><br>calcium bis (C <sub>10-14</sub> branched alkyl phenolate);<br><br>calcium bis (C <sub>18-30</sub> -alkyl phenolate);<br><br>calcium C <sub>10-14</sub> branched alkylphenolato-C <sub>18-30</sub> -alkyl | 430-180-1 | -           | Xi; R38<br><br>N; R51-53 | Xi; N<br><br>R: 38-51/53<br><br>S: (2-)24-37-61 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                      | EG-Nummer | CAS-Nummer  | Einstufung                          | Kennzeichnung                                                | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------------------------|--------------------------------------------------------------|-----------------------------------|-------------|
|              | phenolate;<br><br>C <sub>10-14</sub> branched alkyl phenol;<br><br>C <sub>18-30</sub> -alkyl phenol                                                                                                       |           |             |                                     |                                                              |                                   |             |
| 607-608-00-0 | pentapotassium 2-(4-{5-[1-(2,5-disulfophenyl)-4,5-dihydro-3-methylcarbamoyl-5-oxopyrazol-4-ylidene]-3-(2-pyrrolidinone-1-yl)-1,3-pentadienyl}-3-methylcarbamoyl-5-oxopyrazol-1-yl)benzene-1,4-disulfonate | 430-210-1 | -           | N; R50-53                           | N<br><br>R: 50/53<br><br>S: 60-61                            |                                   |             |
| 607-609-00-6 | ethyl (3 <i>R</i> )-4-cyano-3-hydroxybutanoate                                                                                                                                                            | 430-220-6 | 141942-85-0 | Xi; R36                             | Xi<br><br>R: 36<br><br>S: (2-)26                             |                                   |             |
| 607-610-00-1 | trisodium 4-hydroxy-6-(sulfonatomethylamino)-5-(2-(2-sulfatoethylsulfonyl)phenylazo)naphthalene-2-sulfonate                                                                                               | 430-280-3 | -           | R43                                 | Xi<br><br>R: 43<br><br>S: (2-)22-24-37                       |                                   |             |
| 607-611-00-7 | methyl 3-amino-2,2,3-trimethylbutyrate                                                                                                                                                                    | 431-720-7 | 90886-53-6  | C; R34<br><br>Xn; R22<br><br>R52-53 | C<br><br>R: 22-34-52/53<br><br>S: (1/2-)23-26-36/37/39-45-61 |                                   |             |
| 607-612-00-2 | reaction mass of: 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-1-octanesulfonic acid;<br><br>ammonium                                                                                                          | 432-190-1 | 182176-52-9 | Xn; R22-48/22<br><br>Xi; R41        | Xn<br><br>R: 22-41-48/22<br><br>S: (2-)26-36/37/39           |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                                                           | EG-Nummer | CAS-Nummer | Einstufung                                   | Kennzeichnung                                        | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------------------------------------------|------------------------------------------------------|-----------------------------------|-------------|
|              | 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-1-octanesulfonate                                                                                                                                                                                                                                                                                                                                                                                                      |           |            |                                              |                                                      |                                   |             |
| 607-613-00-8 | reaction mass of: succinic acid;<br>monopersuccinic acid;<br>dipersuccinic acid;<br>monomethyl ester of succinic acid;<br>monomethyl ester of persuccinic acid;<br>dimethyl succinate;<br>glutaric acid;<br>monoperglutaric acid;<br>diperglutaric acid;<br>monomethyl ester of glutaric acid;<br>monomethyl ester of perglutaric acid;<br>dimethyl glutarate;<br>adipic acid;<br>monoperadipic acid;<br>diperadipic acid;<br>monomethyl ester of adipic acid; | 432-790-1 | -          | Muta. Cat. 3; R68<br>C; R34<br>Xn; R20/21/22 | C<br>R: 20/21/22-34-68<br>S: (1/2-)26-28-36/37/39-45 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                     | EG-Nummer | CAS-Nummer | Einstufung                                      | Kennzeichnung                                               | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|-------------------------------------------------|-------------------------------------------------------------|-----------------------------------|-------------|
|              | monomethyl ester of peradipic acid;<br><br>dimethyl adipate;<br><br>hydrogen peroxide;<br><br>methanol;<br><br>water                                     |           |            |                                                 |                                                             |                                   |             |
| 607-614-00-3 | 2-(10-oxo-10 <i>H</i> -9-oxa-10-phosphaphenanthren-10-ylmethyl)succinic acid                                                                             | 426-480-5 | 63562-33-4 | R43<br><br>R52-53                               | Xi<br><br>R: 43-52/53<br><br>S: (2-)24-37-61                |                                   |             |
| 607-615-00-9 | reaction product of thioglycerol and mercaptoacetic acid consisting mainly of 3-mercapto-1,2-bis(mercaptoacetoxy)propane and oligomers of this substance | 431-120-5 | -          | T; R23<br><br>Xn; R22<br><br>Xi; R36<br><br>R43 | T<br><br>R: 22-23-36-43<br><br>S: (1/2-)24-26-37-45         |                                   |             |
| 607-616-00-4 | 2,4-dichloro-5-fluorobenzoylchloride                                                                                                                     | 428-390-1 | 86393-34-2 | Xi; R37/38-41<br><br>R43<br><br>R52-53          | Xi<br><br>R: 37/38-41-43-52/53<br><br>S: (2-)24-26-37/39-61 |                                   |             |
| 607-617-00-X | bis(2-ethylhexyl)-4,5-epoxycyclohexane-1,2-dicarboxylate                                                                                                 | 430-700-5 | 10138-36-0 | R43                                             | Xi<br><br>R: 43                                             |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                           | EG-Nummer | CAS-Nummer | Einstufung                                      | Kennzeichnung                                         | Spezifische Konzentrationsgrenzen                                                                  | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|-------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------|
|              |                                                                                                                                                |           |            |                                                 | S: (2-)24-37                                          |                                                                                                    |             |
| 607-618-00-5 | menadione sodium bisulfite;<br><br>2-naphthalenesulfonic acid,1,2,3,4-tetrahydro-2-methyl-1,4-dioxo-, sodium salt                              | 204-987-0 | 130-37-0   | Xi; R36/38<br><br>N; R50-53                     | Xi; N<br><br>R: 36/38-50/53<br><br>S: (2-)24/25-60-61 |                                                                                                    |             |
| 607-619-00-0 | menadione nicotinamide bisulfite;<br><br>1,2,3,4-tetrahydro-2-methyl-1,4-dioxonaphthalene-2-sulfonic acid, compound with nicotin-3-amide (1:1) | 277-543-7 | 73581-79-0 | Xi; R36/38<br><br>N; R50-53                     | Xi; N<br><br>R: 36/38-50/53<br><br>S: (2-)24/25-60-61 |                                                                                                    |             |
| 607-620-00-6 | trisodium nitrilotriacetate                                                                                                                    | 225-768-6 | 5064-31-3  | Carc. Cat. 3; R40<br><br>Xn; R22<br><br>Xi; R36 | Xn<br><br>R: 22-36-40<br><br>S: (2-)26-36/37-46       | Carc. Cat. 3; R40: C ≥ 5 %                                                                         |             |
| 607-621-00-1 | milbemectin (ISO);<br><br>[reaction mass of milbemycin A3 (CAS No 51596-10-2) and milbemycin A4 (CAS No 51596-11-3) (30:70)]                   | -         | -          | Xn; R20/22<br><br>N; R50-53                     | Xn; N<br><br>R: 20/22-50/53<br><br>S: (2-)46-60-61    | N; R50-53: C ≥ 0,25 %<br><br>N; R51-53: 0,025 % ≤ C < 0,25 %<br><br>R52-53: 0,0025 % ≤ C < 0,025 % |             |
| 607-622-00-7 | 2-ethylhexyl-2-ethylhexanoate                                                                                                                  | 231-057-1 | 7425-14-1  | Repr. Cat. 3; R63                               | Xn<br><br>R: 63<br><br>S: (2-)36/37                   |                                                                                                    |             |
| 607-623-00-2 | diisobutyl phthalate                                                                                                                           | 201-553-2 | 84-69-5    | Repr. Cat. 2; R61                               | T                                                     | Repr. Cat. 2; R61: C ≥ 25 %                                                                        |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                | EG-Nummer                                                                         | CAS-Nummer                                                                           | Einstufung                                                                            | Kennzeichnung                                             | Spezifische Konzentrationsgrenzen                                      | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------|-------------|
|              |                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                   |                                                                                      | Repr. Cat. 3; R62                                                                     | R: 61-62<br>S: 53-45                                      | Repr. Cat. 3; R62: C ≥ 5 %                                             |             |
| 607-624-00-8 | perfluorooctane sulfonic acid;<br>heptadecafluorooctane-1-sulfonic acid; [1]<br>potassium perfluorooctanesulfonate;<br>potassium heptadecafluorooctane-1-sulfonate; [2]<br>diethanolamine perfluorooctane sulfonate; [3]<br>ammonium perfluorooctane sulfonate;<br>ammonium heptadecafluorooctanesulfonate; [4]<br>lithium perfluorooctane sulfonate;<br>lithium heptadecafluorooctanesulfonate [5] | 217-179-8 [1]<br>220-527-1 [2]<br>274-460-8 [3]<br>249-415-0 [4]<br>249-644-6 [5] | 1763-23-1 [1]<br>2795-39-3 [2]<br>70225-14-8 [3]<br>29081-56-9 [4]<br>29457-72-5 [5] | Carc. Cat. 3; R40<br>Repr. Cat. 2; R61<br>T; R48/25<br>Xn; R20/22<br>R64<br>N; R51-53 | T; N<br>R: 61-20/22-40-48/25-64-51/53<br>S: 53-45-61      |                                                                        | E           |
| 607-625-00-3 | clodinafop-propargyl (ISO)                                                                                                                                                                                                                                                                                                                                                                          | -                                                                                 | 105512-06-9                                                                          | Xn; R22-48/22<br>R43<br>N; R50-53.                                                    | Xn; N<br>R: 22-43-48/22-50/53<br>S: (2-)24-36/37-46-60-61 | R43: C ≥ 0,001 %<br>N; R50-53: C ≥ 25 %<br>N; R51-53: 2,5 % ≤ C < 25 % |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                      | EG-Nummer | CAS-Nummer  | Einstufung                                     | Kennzeichnung                                                | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------|-----------|-------------|------------------------------------------------|--------------------------------------------------------------|-----------------------------------|-------------|
|              |                                                                                           |           |             |                                                |                                                              | R52-53: 0,25 % ≤ C < 2,5 %        |             |
| 607-626-00-9 | ethyl 1-(2,4-dichlorophenyl)-5-(trichloromethyl)-1 <i>H</i> -1,2,4-triazole-3-carboxylate | 401-290-5 | 103112-35-2 | Carc.Cat.2; R45<br><br>N; R50-53               | T; N<br><br>R: 45-50/53<br><br>S: 53-45-60-61                |                                   |             |
| 607-627-00-4 | [(4 <i>S</i> ,5 <i>S</i> )-4-benzyl-2-oxo-5-oxazolidinyl]methyl 4-nitrobenzenesulfonate   | 416-360-0 | 162221-28-5 | R43                                            | Xi<br><br>R: 43<br><br>S: (2-)22-24-37                       |                                   |             |
| 607-628-00-X | 4-oxo-4-( <i>p</i> -tolyl)butyric acid adduct with 4-ethylmorpholine                      | 419-240-6 | 171054-89-0 | Xi; R41                                        | Xi<br><br>R: 41<br><br>S: (2-)26-39                          |                                   |             |
| 607-629-00-5 | [[2-methyl-1-(1-oxopropoxy)propoxy](4-phenylbutyl)phosphinyl] acetic acid                 | 419-270-1 | 123599-82-6 | Xi; R36                                        | Xi<br><br>R: 36<br><br>S: (2-)26                             |                                   |             |
| 607-630-00-0 | acrylic acid, 3-(trimethoxysilyl)propyl ester                                             | 419-560-6 | 4369-14-6   | Xn; R20<br><br>C; R34<br><br>R43<br><br>R52-53 | C<br><br>R: 20-34-43-52/53<br><br>S: (1/2-)26-36/37/39-45-61 |                                   |             |
| 607-631-00-6 | reaction mass of: 2-(2-((oxo(phenyl)acetyl)oxy)ethoxy)e                                   | 442-300-8 | -           | R43                                            | Xi                                                           |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                              | EG-Nummer | CAS-Nummer  | Einstufung                                          | Kennzeichnung                                                   | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-----------------------------------------------------|-----------------------------------------------------------------|-----------------------------------|-------------|
|              | thyl oxo(phenyl)acetate;<br><br>(2-(2-hydroxyethoxy)ethyl) oxo(phenyl)acetate                                                                                     |           |             |                                                     | R: 43<br><br>S: (2-)24-37                                       |                                   |             |
| 607-632-00-1 | <i>N</i> -[3-(2,4-di-(1,1-dimethylpropyl)phenoxy)-propyl]-1-hydroxy-5-(2-methylpropyloxycarbonylamino)-naphthamide                                                | 420-210-1 | 111244-14-5 | R53                                                 | R: 53<br><br>S: 61                                              |                                   |             |
| 607-633-00-7 | trisodium 5- {[4-chloro-6-(1-naphthylamino)-1,3,5-triazin-2-yl]amino}-4-hydroxy-3-[( <i>E</i> )-(4-methoxy-2-sulfonatophenyl)diazenyl]-2,7-naphthalenedisulfonate | 440-480-2 | 341026-59-3 | Xi; R41<br><br>R43                                  | Xi<br><br>R: 41-43<br><br>S: (2-)22-24-26-37/39                 |                                   |             |
| 607-634-00-2 | ( <i>S</i> )-(-)-2-acetoxypropionylchloride;<br><br>(1 <i>S</i> )-2-chloro-1-methyl-2-oxoethyl acetate                                                            | 420-610-4 | 36394-75-9  | Xn; R22<br><br>C; R34<br><br>R43                    | C<br><br>R: 22-34-43<br><br>S: (1/2-)23-26-36/37/39-45          |                                   |             |
| 607-635-00-8 | trisodium <i>N</i> -(3-propionato)-L-aspartate                                                                                                                    | 422-090-4 | 172737-80-3 | Xi; R41                                             | Xi<br><br>R: 41<br><br>S: (2-)26-39                             |                                   |             |
| 607-636-00-3 | 1-bromo-2-methylpropyl propionate                                                                                                                                 | 422-900-6 | 158894-67-8 | R10<br><br>Carc.Cat.3; R40<br><br>C; R34<br><br>R43 | C<br><br>R: 10-34-40-43<br><br>S: (1/2-)7/9-8-23-26-36/37/39-45 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                            | EG-Nummer | CAS-Nummer  | Einstufung            | Kennzeichnung                              | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------------------|-----------|-------------|-----------------------|--------------------------------------------|-----------------------------------|-------------|
| 607-637-00-9 | disodium 8-amino-5-{4-[2-(sulfonatoethoxy)sulfonyl]phenyl azo} naphthalene-2-sulfonate                          | 423-730-5 | 250688-43-8 | Xi; R41               | Xi<br>R: 41<br>S: (2-)26-39                |                                   |             |
| 607-638-00-4 | 2-hydroxybenzoic acid 2-butyloctyl ester                                                                        | 431-090-3 | 190085-41-7 | R53                   | R: 53<br>S: 61                             |                                   |             |
| 607-639-00-X | 2-(2-oxo-5-(1,1,3,3-tetramethylbutyl)-2,3-dihydro-1-benzofuran-3-yl)-4-(1,1,3,3-tetramethylbutyl)phenyl acetate | 431-770-1 | 216698-07-6 | R53                   | R: 53<br>S: 61                             |                                   |             |
| 607-641-00-0 | 2-(formylamino)-3-thiophenecarboxylic acid;<br>2-formamido-3-thiophenecarboxylic acid                           | 431-930-9 | 43028-69-9  | Xn; R22<br>R43        | Xn<br>R: 22-43<br>S: (2-)22-24-37          |                                   |             |
| 607-642-00-6 | 3,6,9-trithiaundecamethylene-1,11-dimethacrylate                                                                | 432-210-7 | 141631-22-3 | N; R50-53             | N<br>R: 50/53<br>S: 60-61                  |                                   |             |
| 607-643-00-1 | dimethyl (2S)-2-hydroxysuccinate                                                                                | 432-310-0 | 617-55-0    | R10<br>Xi; R41<br>R43 | Xi<br>R: 10-41-43<br>S: (2-)24-26-37/39-43 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                       | EG-Nummer | CAS-Nummer  | Einstufung               | Kennzeichnung                                | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------------|----------------------------------------------|-----------------------------------|-------------|
| 607-644-00-7 | methyl 2,2-dimethyl-6-methylenecyclohexanecarboxylate                                                                                                                      | 432-350-9 | 81752-87-6  | Xi; R38                  | Xi<br>R: 38<br>S: (2-)37                     |                                   |             |
| 607-645-00-2 | tetrasodium 2-(4-fluoro-6-(methyl-(2-(sulfatoethylsulfonyl)ethyl)amino)-1,3,5-triazin-2-ylamino)-5-hydroxy-6-(4-methyl-2-sulfonatophenylazo)naphthalene-1,7-disulfonate    | 432-550-6 | 243858-01-7 | Xi; R41                  | Xi<br>R: 41<br>S: (2-)22-26-39               |                                   |             |
| 607-646-00-8 | D-erythro-hexanoic acid 2,4-dideoxy-3,5-O-(1-methylethylidene)-1,1-dimethylethylester;<br><br>tert-butyl 2-[(4R,6S)-6-(hydroxymethyl)-2,2-dimethyl-1,3-dioxan-4-yl]acetate | 432-960-5 | 124655-09-0 | Xn; R22                  | Xn<br>R: 22<br>S: (2-)25                     |                                   |             |
| 607-647-00-3 | 5-acetoxy-2-(R,S)butyryloxymethyl-1,3-oxathiolane                                                                                                                          | 433-530-1 | 143446-73-5 | Xn; R22<br>R43<br>N; R50 | Xn; N<br>R: 22-43-50<br>S: (2-)24-37-57-61   |                                   |             |
| 607-649-00-4 | [3-(chlorocarbonyl)-2-methylphenyl]acetate                                                                                                                                 | 433-690-0 | 167678-46-8 | C; R35<br>R43            | C<br>R: 35-43<br>S: (1/2-)7/8-26-36/37/39-45 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                       | EG-Nummer | CAS-Nummer  | Einstufung            | Kennzeichnung                                   | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-----------------------|-------------------------------------------------|-----------------------------------|-------------|
| 607-650-00-X | 2-methyl-1,5-pentanediamine-1,3-benzenedicarboxylate                                                                                                                                                       | 433-910-5 | 145153-52-2 | R43                   | Xi<br><br>R: 43<br><br>S: (2-)24-37             |                                   |             |
| 607-651-00-5 | sodium 2-(nonanoyloxy)benzenesulfonate                                                                                                                                                                     | 434-360-9 | 91125-43-8  | Xi; R41<br><br>R43    | Xi<br><br>R: 41-43<br><br>S: (2-)24-26-37/39    |                                   |             |
| 607-652-00-0 | ethyl N <sup>2</sup> -dodecanoyl-L-argininate hydrochloride                                                                                                                                                | 434-630-6 | 60372-77-2  | Xi; R41<br><br>N; R50 | Xi; N<br><br>R: 41-50<br><br>S: (2-)26-39-61    |                                   |             |
| 607-653-00-6 | tetrakis(bis(2-hydroxyethyl)methylammonium) 3-(4-(7-acetylamino-1-hydroxy-3-sulfonatophthalen-2-ylazo)-5-methoxy-2-sulfonatophenylazo)-7-(4-amino-3-sulfonatophenylamino)-4-hydroxynaphthalene-2-sulfonate | 434-840-8 | 225786-91-4 | N; R51-53             | N<br><br>R: 51/53<br><br>S: 61                  |                                   |             |
| 607-654-00-1 | (S)-3-hydroxy-γ-butyrolactone                                                                                                                                                                              | 434-990-4 | 7331-52-4   | R43                   | Xi<br><br>R: 43<br><br>S: (2-)23-24-37          |                                   |             |
| 607-655-00-7 | ethyl 6,8-dichlorooctanoate                                                                                                                                                                                | 435-080-1 | 1070-64-0   | R43<br><br>N; R51-53  | Xi; N<br><br>R: 43-51/53<br><br>S: (2-)24-37-61 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                   | EG-Nummer | CAS-Nummer  | Einstufung            | Kennzeichnung                                   | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-----------------------|-------------------------------------------------|-----------------------------------|-------------|
| 607-656-00-2 | sodium salt of 4-amino-3,6-bis[[5-[[4-chloro-6-[(2-methyl-4-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]azo]-5-hydroxy-2,7-naphthalenedisulfonic acid                                                                   | 435-350-7 | 141250-43-3 | Xi; R41<br><br>R52-53 | Xi<br><br>R: 41-52/53<br><br>S: (2-)22-26-39-61 |                                   |             |
| 607-657-00-8 | pentasodium 7-(4-(4-(3-(2-sulfatoethanesulfonyl)phenylamino)-6-(4-(2-sulfatoethanesulfonyl)phenylamino)-1,3,5-triazin-2-ylamino)-2-ureidophenylazo)naphthalene-1,3,6-trisulfonate                                                      | 436-920-8 | 172399-10-9 | Xi; R41               | Xi<br><br>R: 41<br><br>S: (2-)22-26-39          |                                   |             |
| 607-658-00-3 | 3,10-diamino-6,13-dichloro-2-(((6-(((4-(1,1-dimethylethyl)phenyl)sulfonyl)amino)-2-naphthalenyl)sulfonyl)-4,11-triphenodioxazinedisulfonic acid, lithium potassium sodium salt                                                         | 440-770-9 | 371921-63-0 | Xi; R41<br><br>R52-53 | Xi<br><br>R: 41-52/53<br><br>S: (2-)26-39-61    |                                   |             |
| 607-659-00-9 | pentasodium N-[5-[[4-[[3-[(aminocarbonyl)amino]-4-[(3,6,8-trisulfonatonaphthalen-2-yl)azo]phenyl]amino]-6-chloro-1,3,5-triazin-2-yl]amino]-2-sulfonato-4-[[4-[[2-(oxysulfonato)ethyl]sulfonyl]phenyl]azo]phenyl]-3-aminopropanoic acid | 442-030-0 | 321912-47-4 | Xi; R41               | Xi<br><br>R: 41<br><br>S: (2-)22-26-39          |                                   |             |
| 607-660-00-4 | 2-{4-[4-[4-fluoro-6-(2-(2-vinylsulfonylethoxy)ethylamino)-1,3,5-triazin-2-ylamino]phenylazo]phenylazo}naphthalene-4,6,8-trisulfonate, trisodium salt                                                                                   | 442-230-8 | 321679-52-1 | Xi; R41               | Xi<br><br>R: 41<br><br>S: (2-)22-26-39          |                                   |             |
| 607-661-00-X | 1,1-dimethylethyl 4'-(bromomethyl)biphenyl-2-                                                                                                                                                                                          | 442-850-9 | 114772-40-6 | R43                   | Xi                                              |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                | EG-Nummer | CAS-Nummer  | Einstufung             | Kennzeichnung                              | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------|-----------|-------------|------------------------|--------------------------------------------|-----------------------------------|-------------|
|              | carboxylate                                                                                         |           |             | R53                    | R: 43-53<br>S: (2-)22-24-37-61             |                                   |             |
| 607-662-00-5 | methyl 2-(acetylamino)-3-chloropropionate                                                           | 442-860-3 | 87333-22-0  | R43<br>N; R50-53       | Xi; N<br>R: 43-50/53<br>S: (2-)24-37-60-61 |                                   |             |
| 607-663-00-0 | bis(2-ethylhexyl) naphthalene-2,6-dicarboxylate                                                     | 442-980-6 | 127474-91-3 | R53                    | R: 53<br>S: 61                             |                                   |             |
| 607-664-00-6 | methyl 2-chlorosulfonyl-4-(methanesulfonylaminomethyl) benzoate                                     | 443-120-2 | 393509-79-0 | Xi; R41<br>N; R51-53   | Xi; N<br>R: 41-51/53<br>S: (2-)26-39-61    |                                   |             |
| 607-665-00-1 | <i>trans</i> -methyl-2-ethyl-but-2-enoate                                                           | 443-150-6 | 101226-85-1 | R10                    | R: 10<br>S: 23                             |                                   |             |
| 607-666-00-7 | (2 <i>S</i> )-5-(benzyloxy)-2-(1,3-dioxo-1,3-dihydro-2 <i>H</i> -isoindol-2-yl)-5-oxopentanoic acid | 443-560-5 | 88784-33-2  | Xi; R36                | Xi<br>R: 36<br>S: (2-)26                   |                                   |             |
| 607-667-00-2 | chloro-1-ethylcyclohexyl carbonate                                                                  | 444-950-8 | 99464-83-2  | Muta.Cat.3; R68<br>R43 | Xn<br>R: 43-68                             |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                    | EG-Nummer | CAS-Nummer  | Einstufung                                | Kennzeichnung                                                | Spezifische Konzentrationsgrenzen                                                                         | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------|
|              |                                                                                                                                                                                         |           |             |                                           | S: (2-)23-36/37                                              |                                                                                                           |             |
| 607-668-00-8 | <i>trans</i> -2-isopropyl-5-carboxy-1,3-dioxane                                                                                                                                         | 445-770-2 | 42031-28-7  | Xi; R41<br>R52-53                         | Xi<br>R: 41-52/53<br>S: (2-)22-26-39-61                      |                                                                                                           |             |
| 607-669-00-3 | methyl (9-acetoxy-3,8,10-triethyl-7,8,10-trimethyl-1,5-dioxo-9-aza-spiro[5.5]undec-3-yl)octadecanoate                                                                                   | 445-990-9 | 376588-17-9 | R43<br>R53                                | Xi<br>R: 43-53<br>S: (2-)24-37-61                            |                                                                                                           |             |
| 607-670-00-9 | dibutyl-3-(4-(5-ammonio-2-butyl)benzofuran-3-yl)carbonyl)phenoxy)propyl ammonium oxalate;<br><br>(5-amino-2-butylbenzofuran-3-yl) [4-(3-dibutylaminopropoxy)phenyl]methanone, dioxalate | 448-700-9 | 500791-70-8 | Xn; R48/22<br>Xi; R41<br>R43<br>N; R50-53 | Xn; N<br>R: 41-43-48/22-50/53<br>S: (2-)22-26-36/37/39-60-61 | N; R50-53: $C \geq 2,5 \%$<br>N; R51-53: $0,25 \% \leq C < 2,5 \%$<br>R52-53: $0,025 \% \leq C < 0,25 \%$ |             |
| 607-671-00-4 | diethyl 1,4-cyclohexanedicarboxylate                                                                                                                                                    | 417-310-0 | 72903-27-6  | N; R51-53                                 | N<br>R: 51/53<br>S: 61                                       |                                                                                                           |             |
| 607-672-00-X | reaction mass of: 2-hydroxy-3-(methacryloyloxy)propyl (2-benzoyl)benzoate;<br><br>1-hydroxymethyl-2-(methacryloyloxy)ethyl (2-benzoyl)benzoate;                                         | 419-000-0 | -           | R43<br>N; R51-53                          | Xi; N<br>R: 43-51/53<br>S: (2-)24-37-61                      |                                                                                                           |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                    | EG-Nummer | CAS-Nummer | Einstufung            | Kennzeichnung                              | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|-----------------------|--------------------------------------------|-----------------------------------|-------------|
|              | x-hydroxy-y-(methacryloyloxy)propyl(or ethyl) (2-benzoyl)benzoate                                                                                                                                                       |           |            |                       |                                            |                                   |             |
| 607-673-00-5 | 1-ethyl-5,6,7,8-tetrahydroquinolinium tosylate                                                                                                                                                                          | 419-570-0 | -          | Xn; R22<br>R52-53     | Xn<br>R: 22-52/53<br>S: (2-)61             |                                   |             |
| 607-675-00-6 | reaction mass of: <i>cis</i> -9-octadecenedioic acid;<br><i>cis</i> -9- <i>cis</i> -12-octadecadienedioic acid;<br>hexadecanedioic acid;<br>octadecanedioic acid                                                        | 422-260-8 | -          | Xi; R41<br>N; R50-53  | Xi; N<br>R: 41-50/53<br>S: (2-)26-39-60-61 |                                   |             |
| 607-676-00-1 | reaction mass of: 2-methylnonanedioic acid;<br>2,4-dimethyl-4-methoxycarbonylundecanedioic acid;<br>2,4,6-trimethyl-4,6-dimethoxycarbonyltridecanedioic acid;<br>8,9-dimethyl-8,9-dimethoxycarbonylhexadecanedioic acid | 423-670-1 | -          | Xi; R41<br>R43        | Xi<br>R: 41-43<br>S: (2-)24-26-37/39       |                                   |             |
| 607-677-00-7 | 2,5-dioxopyrrolidin-1-yl <i>N</i> -{[methyl[[2-(1-methylethyl)-4-thiazolyl]methyl]amino]carbonyl}-L-valinate                                                                                                            | 424-660-8 | -          | Xn; R48/22<br>Xi; R41 | Xn<br>R: 41-43-48/22                       |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EG-Nummer | CAS-Nummer | Einstufung               | Kennzeichnung                                         | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|--------------------------|-------------------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |            | R43                      | S: (2-)22-26-36/37/39                                 |                                   |             |
| 607-678-00-2 | reaction mass of: ethyl (2 <i>R</i> ,3 <i>R</i> )-3-isopropylbicyclo[2.2.1]hept-5-ene-2-carboxylate;<br><br>ethyl (2 <i>S</i> ,3 <i>S</i> )-3-isopropylbicyclo[2.2.1]hept-5-ene-2-carboxylate                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 427-090-8 | -          | R43<br><br>N; R51-53     | Xi; N<br><br>R: 43-51/53<br><br>S: (2-)23-25-36/37-61 |                                   |             |
| 607-679-00-8 | reaction mass of: 3-{5-[3-(4-{1,6-dihydro-2-hydroxy-4-methyl-1-[3-(methylammonio)propyl]-6-oxo-3-pyridylazo} benzamido)phenylazo]-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-pyridyl}propyl(methyl)ammonium di(acetate);<br><br>3-{5-[4-(3-{1,6-dihydro-2-hydroxy-4-methyl-1-[3-(methylammonio)propyl]-6-oxo-3-pyridylazo} benzamido)phenylazo]-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-pyridyl}propyl(dimethyl)ammonium di(acetate);<br><br>3-{5-[3-(4-{1-[3-(dimethylammonio)propyl]-1,6-dihydro-2-hydroxy-4-methyl-6-oxo-3-pyridylazo} benzamido)phenylazo]-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-pyridyl}propyl(dimethyl)ammonium di(acetate) | 431-440-5 | -          | Xi; R41<br><br>N; R51-53 | Xi; N<br><br>R: 41-51/53<br><br>S: (2-)22-26-39-61    |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                   | EG-Nummer | CAS-Nummer  | Einstufung           | Kennzeichnung                                   | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------------|-------------------------------------------------|-----------------------------------|-------------|
| 607-680-00-3 | <i>tert</i> -butyl(6-{2-[4-(4-fluorophenyl)-6-isopropyl-2-[methyl(methylsulfonyl)amino]pyrimidin-5-yl]vinyl}(4 <i>S</i> ,6 <i>S</i> )-2,2-dimethyl[1,3]dioxan-4-yl)acetate                                                                                                                                             | 432-810-9 | -           | R53                  | R: 53<br>S: 61                                  |                                   |             |
| 607-681-00-9 | reaction mass of: 9-nonyl-10-octyl-19-carbonyloxyhexadecylnonadecanoic acid;<br><br>9-nonyl-10-octyl-19-carbonyloxyoctadecylnonadecanoic acid;<br><br>dihexadecyl 9-nonyl-10-octylnonadecandioate;<br><br>1-octadecyl,19-hexadecyl 9-nonyl-10-octylnonadecandioate;<br><br>dioctadecyl 9-nonyl-10-octylnonadecandioate | 432-910-2 | -           | R53                  | R: 53<br>S: 61                                  |                                   |             |
| 607-682-00-4 | complex reaction mass of Chinese gum rosin post reacted with acrylic acid                                                                                                                                                                                                                                              | 434-230-1 | 144413-22-9 | R53                  | R: 53<br>S: 61                                  |                                   |             |
| 607-683-00-X | reaction mass of: methyl 3-((1 <i>E</i> )-2-methylprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate;<br><br>methyl 3-((1 <i>Z</i> )-2-methylprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate (20:80)                                                                                                                    | 435-450-0 | -           | R43<br><br>N; R51-53 | Xi; N<br><br>R: 43-51/53<br><br>S: (2-)24-37-61 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                                                                 | EG-Nummer | CAS-Nummer  | Einstufung                                   | Kennzeichnung                                    | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------------------------------------|--------------------------------------------------|-----------------------------------|-------------|
| 607-684-00-5 | alkenes, C <sub>12-14</sub> , hydroformylation products, distn. residues, C-(hydrogen sulfobutanedioates), disodium salts                                                                                                                                                                                                                                                                                                                                            | 435-660-2 | 243662-67-1 | Xi; R38<br><br>R43                           | Xi<br><br>R: 38-43<br><br>S: (2-)24-37           |                                   |             |
| 607-685-00-0 | ammonium 2-cocoyloxyethanesulfonate                                                                                                                                                                                                                                                                                                                                                                                                                                  | 441-050-7 | -           | Xi; R38-41                                   | Xi<br><br>R: 38-41<br><br>S: (2-)26-37/39        |                                   |             |
| 607-686-00-6 | 6,6'-bis(diazo-5,5',6,6'-tetrahydro-5,5'-dioxo)[methylene-bis(5-(6-diazo-5,6-dihydro-5-oxo-1-naphthylsulphonyloxy)-6-methyl-2-phenylene]di(naphthalene-1-sulfonate)                                                                                                                                                                                                                                                                                                  | 441-550-5 | -           | E; R2<br><br>F; R11<br><br>Carc. Cat. 3; R40 | E; Xn<br><br>R: 2-11-40<br><br>S: (2-)7-22-36/37 |                                   |             |
| 607-687-00-1 | reaction mass of: 2-{3,6-bis-[(2-ethylphenyl)-methylamino]-xanthylum-9-yl}-benzenesulfonate (2-10%);<br><br>2-{3,6-bis-[(2,3-dimethylphenyl)-methylamino]-xanthylum-9-yl}-benzenesulfonate (2-10%);<br><br>2-{3,6-bis-[(2,4-dimethylphenyl)-methylamino]-xanthylum-9-yl}-benzenesulfonate (2-10%);<br><br>2-{3,6-bis-[(2,5-dimethylphenyl)-methylamino]-xanthylum-9-yl}-benzenesulfonate (2-10%);<br><br>2-{3-[(2,3-dimethylphenyl)-methylamino]-6-[(2-ethylphenyl)- | 442-800-6 | -           | Xi; R38<br><br>N; R51-53                     | Xi; N<br><br>R: 38-51/53<br><br>S: (2-)37-61     |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | EG-Nummer | CAS-Nummer | Einstufung | Kennzeichnung                         | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|------------|---------------------------------------|-----------------------------------|-------------|
|              | <p>methylamino]-xanthylium-9-yl}-benzenesulfonate (7-20%);</p> <p>2-{3-[(2,4-dimethylphenyl)-methylamino]-6-[(2-ethylphenyl)-methylamino]-xanthylium-9-yl}-benzenesulfonate (7-20%);</p> <p>2-{3-[(2,5-dimethylphenyl)-methylamino]-6-[(2-ethylphenyl)-methylamino]-xanthylium-9-yl}-benzenesulfonate (7-20%);</p> <p>2-{3-[(2,3-dimethylphenyl)-methylamino]-6-[(2,4-dimethylphenyl)-methylamino]-xanthylium-9-yl}-benzenesulfonate (7-20%);</p> <p>2-{3-[(2,3-dimethylphenyl)-methylamino]-6-[(2,5-dimethylphenyl)-methylamino]-xanthylium-9-yl}-benzenesulfonate (7-20%);</p> <p>2-{3-[(2,4-dimethylphenyl)-methylamino]-6-[(2,5-dimethylphenyl)-methylamino]-xanthylium-9-yl}-benzenesulfonate (7-20%)</p> |           |            |            |                                       |                                   |             |
| 607-688-00-7 | (R)-1-cyclohexa-1,4-dienyl-1-methoxycarbonyl-methylammoniumchloride                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 444-320-2 | -          | Xn; R22    | <p>Xn</p> <p>R: 22</p> <p>S: (2-)</p> |                                   |             |
| 607-689-00-2 | reaction mass of: methyl 1,4-dimethylcyclohexanecarboxylate ("para-isomer" including <i>cis</i> - and <i>trans</i> - isomers);                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 444-920-4 | -          | R52-53     | <p>R: 52/53</p>                       |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                          | EG-Nummer | CAS-Nummer  | Einstufung                          | Kennzeichnung                                            | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------------------------|----------------------------------------------------------|-----------------------------------|-------------|
|              | methyl 1,3-dimethylcyclohexanecarboxylate ("meta-isomer" including <i>cis</i> - and <i>trans</i> -isomers)                                                    |           |             |                                     | S: 61                                                    |                                   |             |
| 607-690-00-8 | dimethyl[2 <i>S</i> ,2 <i>S'</i> ]-6,6,6'-tetramethoxy-2,2'-[ <i>N,N'</i> -bis(trifluoroacetyl)- <i>S,S'</i> -bi( <i>L</i> -homocysteinyl)diimino]dihexanoate | 432-860-1 | 255387-46-3 | R43                                 | Xi<br><br>R: 43<br><br>S: (2-)24-37                      |                                   |             |
| 607-691-00-3 | magnesium salts, fatty acids, C <sub>16-18</sub> and C <sub>18</sub> unsaturated, branched and linear                                                         | 448-690-6 | -           | R53                                 | <br><br>R: 53<br><br>S: 61                               |                                   |             |
| 607-692-00-9 | zinc salts, fatty acids, C <sub>16-18</sub> and C <sub>18</sub> unsaturated, branched and linear                                                              | 446-470-4 | -           | R53                                 | <br><br>R: 53<br><br>S: 61                               |                                   |             |
| 607-693-00-4 | hexyl 2-(1-(diethylamino)hydroxyphenyl)met hanoyl)benzoate                                                                                                    | 443-860-6 | 302776-68-7 | R53                                 | <br><br>R: 53<br><br>S: 61                               |                                   |             |
| 607-694-00-X | ethyl 5,5-diphenyl-2-isoxazoline-3-carboxylate                                                                                                                | 443-870-0 | 163520-33-0 | Xn; R22<br><br>R43<br><br>N; R50-53 | Xn; N<br><br>R: 22-43-50/53<br><br>S: (2-)22-36/37-60-61 |                                   |             |
| 608-020-00-7 | diphenoxymethylenecyanamide                                                                                                                                   | 427-300-8 | 79463-77-7  | Xi; R41                             | Xi                                                       |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                               | EG-Nummer | CAS-Nummer  | Einstufung                                         | Kennzeichnung                                           | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------------------------------------------|---------------------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                                    |           |             | R52-53                                             | R: 41-52/53<br>S: (2-)26-39-61                          |                                   |             |
| 608-032-00-2 | acetamiprid (ISO);<br><br>(E)-N <sup>1</sup> -[(6-chloro-3-pyridyl)methyl]-N <sup>2</sup> -cyano-N <sup>1</sup> -methylacetamidine | -         | 135410-20-7 | Xn; R22<br><br>R52-53                              | Xn<br><br>R: 22-52/53<br>S: (2-)46-61                   |                                   |             |
| 608-042-00-7 | (S)-2,2-diphenyl-2-(3-pyrrolidiny)acetonitrile hydrobromide                                                                        | 421-810-4 | 194602-27-2 | Xn; R22<br><br>Xi; R41<br><br>R43<br><br>N; R51-53 | Xn; N<br><br>R: 22-41-43-51/53<br>S: (2-)24-26-37/39-61 |                                   |             |
| 608-044-00-8 | 2-cyclohexylidene-2-phenylacetonitrile                                                                                             | 423-740-1 | 10461-98-0  | Xn; R22<br><br>N; R51-53                           | Xn; N<br><br>R: 22-51/53<br>S: (2-)46-61                |                                   |             |
| 608-046-00-9 | 5-(4-chloro-2-nitro-phenylazo)-1,2-dihydro-6-hydroxy-1,4-dimethyl-2-oxo-pyridine-3-carbonitrile                                    | 425-310-7 | 77889-90-8  | R53                                                | R: 53<br>S: 61                                          |                                   |             |
| 608-047-00-4 | 2-piperidin-1-yl-benzonitrile                                                                                                      | 427-330-1 | 72752-52-4  | N; R51-53                                          | N<br><br>R: 51/53<br>S: 61                              |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                | EG-Nummer | CAS-Nummer  | Einstufung                                | Kennzeichnung                                            | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------------------------------|----------------------------------------------------------|-----------------------------------|-------------|
| 608-048-00-X | 1-(3-cyclopentyloxy-4-methoxyphenyl)-4-oxo-cyclohexanecarbonitrile                                                                                                                                                                  | 427-450-4 | 152630-47-2 | Xn; R22-48/22<br><br>R43<br><br>N; R51-53 | Xn; N<br><br>R: 22-43-48/22-51/53<br><br>S: (2-)36/37-61 |                                   |             |
| 608-049-00-5 | 2-(4-(4-(butyl-(1-methylhexyl)amino)phenyl)-3-cyano-5-oxo-1,5-dihydropyrrol-2-ylidene)propandinitrile                                                                                                                               | 429-180-2 | 157362-53-3 | R43<br><br>N; R50-53                      | Xi; N<br><br>R: 43-50/53<br><br>S: (2-)24-37-60-61       |                                   |             |
| 608-050-00-0 | reaction mass of: 5-(2-cyano-4-nitrophenylazo)-2-(2-(2-hydroxyethoxy)ethylamino)-4-methyl-6-phenylaminonicotinonitrile;<br><br>5-(2-cyano-4-nitrophenylazo)-6-(2-(2-hydroxyethoxy)ethylamino)-4-methyl-2-phenylaminonicotinonitrile | 429-760-5 | -           | R53                                       | R: 53<br><br>S: 61                                       |                                   |             |
| 608-051-00-6 | (R)-4-(4-dimethylamino-1-(4-fluorophenyl)-1-hydroxybutyl)-3-(hydroxymethyl)benzonitrile                                                                                                                                             | 430-760-2 | 219861-18-4 | Xn; R22<br><br>R43<br><br>N; R51-53       | Xn; N<br><br>R: 22-43-51/53<br><br>S: (2-)36/37-61       |                                   |             |
| 608-052-00-1 | (S)-4-(4-dimethylamino-1-(4-fluorophenyl)-1-hydroxybutyl)-3-(hydroxymethyl)benzonitrile                                                                                                                                             | 430-770-7 | 128173-52-4 | Xn; R22<br><br>R43                        | Xn; N<br><br>R: 22-43-51/53                              |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                    | EG-Nummer | CAS-Nummer  | Einstufung                             | Kennzeichnung                                                 | Spezifische Konzentrationsgrenzen                                                                         | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------|
|              |                                                                                                                                         |           |             | N; R51-53                              | S: (2-)36/37-61                                               |                                                                                                           |             |
| 608-053-00-7 | ( <i>R,S</i> )-4-(4-dimethylamino-1-(4-fluorophenyl)-1-hydroxybutyl)-3-(hydroxymethyl)benzonitrile                                      | 430-780-1 | 103146-25-4 | Xn; R22<br>R43<br>N; R51-53            | Xn; N<br>R: 22-43-51/53<br>S: (2-)36/37-61                    |                                                                                                           |             |
| 608-054-00-2 | ( <i>R,S</i> )-4-(4-dimethylamino-1-(4-fluorophenyl)-1-hydroxybutyl)-3-(hydroxymethyl)benzonitrile hemisulfate                          | 430-790-6 | -           | Xn; R22<br>Xi; R41<br>R43<br>N; R51-53 | Xn; N<br>R: 22-41-43-51/53<br>S: (2-)22-26-36/37/39-61        |                                                                                                           |             |
| 608-055-00-8 | fipronil (ISO);<br>5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]-1 <i>H</i> -pyrazole-3-carbonitrile | -         | 120068-37-3 | T; R23/24/25-48/25<br>N; R50-53        | T; N<br>R: 23/24/25-48/25-50/53<br>S: (1/2-)28-36/37-45-60-61 | N; R50-53: $C \geq 2,5 \%$<br>N; R51-53: $0,25 \% \leq C < 2,5 \%$<br>R52-53: $0,025 \% \leq C < 0,25 \%$ |             |
| 608-056-00-3 | <i>N</i> -methyl- <i>N</i> -cyanomethylmorpholiniummethyl sulfate                                                                       | 429-340-1 | -           | Xn; R22<br>Xi; R41                     | Xn<br>R: 22-41<br>S: (2-)22-26-39                             |                                                                                                           |             |
| 608-057-00-9 | 4-cyanomethyl-4-methylmorpholin-4-iumhydrogene sulfate                                                                                  | 431-200-1 | 208538-34-5 | Xn; R22<br>Xi; R41                     | Xn<br>R: 22-41-43                                             |                                                                                                           |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                   | EG-Nummer | CAS-Nummer  | Einstufung                                        | Kennzeichnung                                                        | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|----------------------------------------------------------------------------------------|-----------|-------------|---------------------------------------------------|----------------------------------------------------------------------|-----------------------------------|-------------|
|              |                                                                                        |           |             | R43                                               | S: (2-)22-24-26-37/39                                                |                                   |             |
| 608-059-00-X | 5-amino-1-(2,6-dichloro-4-(trifluoromethyl)phenyl)-1 <i>H</i> -pyrazole-3-carbonitrile | 421-240-6 | 120068-79-3 | N; R51-53                                         | N<br><br>R: 51/53<br><br>S: 22-61                                    |                                   |             |
| 608-060-00-5 | 5-methyl-2-[(2-nitrophenyl)amino]-3-thiophenecarbonitrile                              | 421-300-1 | 138564-59-7 | N; R50-53                                         | N<br><br>R: 50/53<br><br>S: 22-60-61                                 |                                   |             |
| 608-062-00-6 | 2-fluoro-4-hydroxybenzonitrile                                                         | 422-810-7 | 82380-18-5  | Xn; R22<br><br>Xi; R41<br><br>N; R51-53           | Xn; N<br><br>R: 22-41-51/53<br><br>S: (2-)22-26-39-61                |                                   |             |
| 608-063-00-1 | ( <i>S</i> )- $\alpha$ -hydroxy-3-phenoxybenzeneacetonitrile                           | 441-070-6 | 61826-76-4  | T; R25<br><br>Xi; R41<br><br>R43<br><br>N; R50-53 | T; N<br><br>R: 25-41-43-50/53<br><br>S: (1/2-)9-26-36/37/39-45-60-61 |                                   |             |
| 608-064-00-7 | cyanomethyltrimethylammonium methylsulfate                                             | 433-720-2 | -           | R52-53                                            | R: 52/53                                                             |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                         | EG-Nummer | CAS-Nummer | Einstufung                                                | Kennzeichnung                                         | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              |                                                                                                                                                                                                                                                                                                                                                              |           |            |                                                           | S: 61                                                 |                                   |             |
| 609-069-00-7 | musk ketone;<br><br>3,5-dinitro-2,6-dimethyl-4- <i>tert</i> -butylacetophenone;<br><br>4'- <i>tert</i> -butyl-2',6'-dimethyl-3',5'-dinitroacetophenone                                                                                                                                                                                                       | 201-328-9 | 81-14-1    | Carc. Cat. 3; R40<br><br>N; R50-53                        | Xn; N<br><br>R: 40-50/53<br><br>S: (2-)36/37-46-60-61 |                                   |             |
| 609-072-00-3 | 4-mesyl-2-nitrotoluene                                                                                                                                                                                                                                                                                                                                       | 430-550-0 | 1671-49-4  | Repr. Cat. 3; R62<br><br>Xn; R22<br><br>R43<br><br>R52-53 | Xn<br><br>R: 22-43-62-52/53<br><br>S: (2-)22-36/37-61 |                                   |             |
| 609-073-00-9 | lithium potassium sodium <i>N,N'</i> -bis{6-[7-[4-(4-chloro-1,3,5-triazin-2-yl)amino-4-(2-ureidophenylazo)]naphthalene-1,3,6-trisulfonato]}- <i>N'</i> -(2-aminoethyl)piperazine                                                                                                                                                                             | 427-850-9 | -          | R43                                                       | Xi<br><br>R: 43<br><br>S: (2-)22-24-37                |                                   |             |
| 611-050-00-3 | reaction mass of: pentasodium 7-amino-3-[[4-[[[4-[[[4-[(6-amino-1-hydroxy-3-sulfonato-2-naphthyl)azo]-7-sulfonato-1-naphthyl]azo]phenyl]amino]-3-sulfonatophenyl]azo]-6-sulfonato-1-naphthyl]azo]-4-hydroxynaphthalen-2-sulfonate;<br><br>pentasodium 7-amino-8-[4-[4-[4-[4-(2-amino-5-hydroxy-7-sulfonato-naphthalen-1-ylazo)-7-sulfonatophthalen-1-ylazo]- | 415-350-3 | -          | Xi; R41<br><br>R52-53                                     | Xi<br><br>R: 41-52/53<br><br>S: (2-)22-26-39-61       |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EG-Nummer | CAS-Nummer | Einstufung | Kennzeichnung                | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              | <p>phenylamino]-3-sulfonato-phenylazo]-6-sulfonato-naphthalen-1-ylazo]-4-hydroxy-naphthalene-2-sulfonate;</p> <p>pentasodium 7-amino-8-[4-[4-[4-[4-(6-amino-1-hydroxy-3-sulfonato-naphthalen-1-ylazo)-7-sulfonatonaphthalen-1-ylazo]-phenylamino]-3-sulfonato-phenylazo]-6-sulfonato-naphthalen-1-ylazo]-4-hydroxy-naphthalene-2-sulfonate;</p> <p>tetrasodium 7-amino-4-hydroxy-3-[4-[4-[4-(4-hydroxy-7-sulfonato-naphthalen-1-ylazo)-2-sulfonato-phenylamino]phenylazo]-6-sulfonato-naphthalen-1-ylazo]naphthalene-2-sulfonate;</p> <p>tetrasodium 7-amino-4-hydroxy-3-[4-[4-[4-(4-amino-7-sulfonato-naphthalen-1-ylazo)-2-sulfonato-phenylamino]phenylazo]-6-sulfonato-naphthalen-1-ylazo]naphthalene-2-sulfonate</p> |           |            |            |                              |                                   |             |
| 611-102-00-5 | <p>reaction product of: C.I. Leuco Sulfur Black 1 and reaction mass of: disodium-4-{4-[8-amino-1-hydroxy-7-(4-sulfamoylphenylazo)-3,6-disulfonato-2-naphthylazo]phenylsulfonylamino} benzendiazoniumchlorid;</p> <p>disodium-4-{4-[2,6-dihydroxy-3-(8-hydroxy-3,6-disulfonato-1-naphthylazo)phenylazo]phenylsulfonylamino} benzen-</p>                                                                                                                                                                                                                                                                                                                                                                                   | 424-500-7 | -          | R52-53     | <p>R: 52/53</p> <p>S: 61</p> |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                            | EG-Nummer | CAS-Nummer | Einstufung               | Kennzeichnung                                   | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|--------------------------|-------------------------------------------------|-----------------------------------|-------------|
|              | diazoniumchlorid                                                                                                                                                                                                                                                                                                                                                                                |           |            |                          |                                                 |                                   |             |
| 611-139-00-7 | reaction product of: C.I. Leuco Sulfur Black 1 with (3-chloro-2-hydroxypropyl)trimethylammonium chloride                                                                                                                                                                                                                                                                                        | 424-510-1 | -          | Xi; R41<br><br>N; R51-53 | Xi; N<br><br>R: 41-51/53<br><br>S: (2-)26-39-61 |                                   |             |
| 611-141-00-8 | 5-(4-[4-[4-(3,5-dicarboxy-phenyl-azo)phenylamino]-6-morpholin-4-yl]-1,3,5-triazin-2-ylamino]phenylazo)isophthalic acid, mixed monosodium and diammonium salt                                                                                                                                                                                                                                    | 414-410-6 | -          | Xi; R41<br><br>R43       | Xi<br><br>R: 41-43<br><br>S: (2-)22-24-26-37/39 |                                   |             |
| 611-142-00-3 | product-by-process definition polyazodyestuff obtained by coupling 4-[4-(1-amino-8-hydroxy-3,6-disulfo-2-naphthylazo)phenylsulfonylamino]benzenediazonium with reaction mass of 4-carboxybenzenediazonium and diphenylamine-3-sulfo-4,4'-bisdiazonium, and further coupling of the obtained compounds with reaction mass of naphth-2-ol and 3-aminophenol, sodium salts;<br><br>sodium chloride | 425-740-5 | -          | Xi; R41<br><br>R52-53    | Xi<br><br>R: 41-52/53<br><br>S: (2-)26-39-61    |                                   |             |
| 611-143-00-9 | reaction mass of: trisodium 2-(2-[ $\alpha$ -(2-carboxylato- $\kappa$ -O-4-sulfonatophenylazo)benzylidene]hydrazino- $\kappa$ -N')-6-(2,6-difluoropyrimidin-4-ylamino)-4-sulfonatophenolatocuprate (II);<br><br>trisodium 2-(2-[ $\alpha$ -(2-carboxylato- $\kappa$ -O-4-sulfonatophenylazo)benzylidene]                                                                                        | 428-260-4 | -          | Xi; R41                  | Xi<br><br>R: 41<br><br>S: (2-)22-26-39          |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | EG-Nummer | CAS-Nummer  | Einstufung | Kennzeichnung                                 | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              | hydrazino-κ-N'-6-(4,6-difluoropyrimidin-2-ylamino)-4-sulfonatophenolatocuprate (II)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |             |            |                                               |                                   |             |
| 611-144-00-4 | <p>reaction mass of: 7-amino-3,8-bis-[4-(2-sulfoxyethylsulfonyl)phenylazo]-4-hydroxynaphthalene-2-sulfonic acid, Na/K salt;</p> <p>7-amino-3-[4-(2-sulfoxyethylsulfonyl)phenylazo]-4-hydroxy-8-[4-(2-sulfoxyethylsulfonyl)-2-sulfophenylazo]naphthalene-2-sulfonic acid, Na/K salt;</p> <p>7-amino-8-[4-(2-sulfoxyethylsulfonyl)phenylazo]-4-hydroxy-3-[4-(2-sulfoxyethylsulfonyl)-2-sulfophenylazo]naphthalene-2-sulfonic acid, Na/K salt;</p> <p>7-amino-3,8-bis-[4-(2-sulfoxyethylsulfonyl)-2-sulfophenylazo]-4-hydroxynaphthalene-2-sulfonic acid, Na/K salt</p> | 429-070-4 | 214362-06-8 | Xi; R41    | <p>Xi</p> <p>R: 41</p> <p>S: (2-)22-26-39</p> |                                   |             |
| 611-145-00-X | <p>reaction mass of: tetrasodium 3-(1,5-disulfonatophthalene-2-ylazo)-4-hydroxy-7-{4-chloro-6-[4-(2-sulfoxyethylsulfonyl)phenylamino]-1,3,5-triazine-2-ylamino}naphthalene-2-sulfonate;</p> <p>3-(2,5-disulfophenylazo)-4-hydroxy-7-{4-chloro-6-[4-(2-sulfoxyethylsulfonyl)phenylamino]-1,3,5-triazine-2-</p>                                                                                                                                                                                                                                                        | 429-440-5 | -           | Xi; R41    | <p>Xi</p> <p>R: 41</p> <p>S: (2-)22-26-39</p> |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | EG-Nummer | CAS-Nummer | Einstufung | Kennzeichnung                  | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              | ylamino}naphthalene-2-sulfonic acid, sodium salt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |            |            |                                |                                   |             |
| 611-146-00-5 | <p>reaction mass of: pentasodium 3-(4-(4-(7-(2,4-diamino-5-sulfonato-3-(4-sulfonatophenylazo)phenylazo)-1-hydroxy-3-sulfonatonaphthalen-2-ylazo)-2-sulfonatophenylamino)phenylazo)-4-hydroxy-6-(2-oxo-1-phenylcarbamoylpropylazo)napht halene-2-sulfonate;</p> <p>pentasodium 6-((2,4-diamino-5-sulfonatophenyl)azo)-3-((4-((4-((7-(2,4-diamino-5-sulfonatophenyl)azo)-1-hydroxy-3-sulfonatonaphthalen-2-yl)azo)phenyl)amino)-2-sulfonatophenyl)azo)-4-hydroxynaphthalene-2-sulfonate;</p> <p>pentasodium 6-((2,4-diamino-5-sulfonato-3-(4-sulfonatophenyl)azo)phenyl)azo)-3-((4-((4-((1,7-dihydroxy-3-sulfonatonaphthalen-2-yl)azo)-2-sulfonatophenyl)amino)phenyl)azo)-4-hydroxynaphthalene-2-sulfonate;</p> <p>hexasodium 6-((2,4-diamino-5-sulfonatophenyl)azo)-3-((4-((4-((7-(2,4-diamino-5-sulfonato-3-(4-sulfonatophenyl)azo)phenyl)azo)-1-hydroxy-3-sulfonatonaphthalen-2-yl)azo)-2-sulfonatophenyl)amino)phenyl)az o)-4-hydroxynaphthalene-2-sulfonate</p> | 430-070-1 | -          | N; R51-53  | N<br><br>R: 51/53<br><br>S: 61 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                        | EG-Nummer | CAS-Nummer  | Einstufung                                      | Kennzeichnung                                                     | Spezifische Konzentrationsgrenzen | Anmerkungen |
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| 611-147-00-0 | sodium, potassium, lithium 5-amino-3,6-bis(5-(4-chloro-6-(methyl-(2-methylaminoacetyl)amino)-1,3,5-triazin-2-ylamino)-2-sulfonatophenylazo)-4-hydroxynaphthalene-2,7-disulfonate                            | 430-090-0 | 205764-96-1 | Xi; R41<br><br>R43                              | Xi<br><br>R: 41-43<br><br>S: (2-)22-24-26-37/39                   |                                   |             |
| 611-148-00-6 | reaction mass of: 2-(3-(2,6-dichloro-4-nitrophenylazo)carbazol-9-yl)ethanol;<br><br>2-(2-(3-(2,6-dichloro-4-nitrophenylazo)-carbazol-9-yl)-ethoxy)ethanol;<br><br>3-(2,6-dichloro-4-nitrophenylazo)carbazol | 429-590-1 | -           | R43<br><br>N; R50-53                            | Xi; N<br><br>R: 43-50/53<br><br>S: (2-)24-37-60-61                |                                   |             |
| 611-149-00-1 | 2-(2-chloroacetoxy)ethyl 3-((4-(2,5-dichloro-4-fluorosulfonylphenylazo)-3-methylphenyl)ethylamino)propionate                                                                                                | 427-570-7 | 193486-83-8 | N; R51-53                                       | N<br><br>R: 51/53<br><br>S: 61                                    |                                   |             |
| 611-150-00-7 | tetralithium 2-[6-[7-[2-(carboxylato)phenylazo]-8-hydroxy-3,6-disulfonato-1-naphthylamino]-4-hydroxy-1,3,5-triazine-2-ylamino]benzoate                                                                      | 440-460-3 | -           | Xi; R36<br><br>R52-53                           | Xi<br><br>R: 36-52/53<br><br>S: (2-)26-39-61                      |                                   |             |
| 611-151-00-2 | chrysoidine;<br><br>4-(phenylazo)benzene-1,3-diamine                                                                                                                                                        | 207-803-7 | 495-54-5    | Muta. Cat. 3; R68<br><br>Xn; R22<br><br>Xi; R38 | Xn; N<br><br>R: 22-38-68-50/53<br><br>S: (2-)23-26-36/37-46-60-61 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | EG-Nummer                                                                                          | CAS-Nummer                                                                                             | Einstufung                                              | Kennzeichnung                                                   | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                    |                                                                                                        | N; R50-53                                               |                                                                 |                                   |             |
| 611-152-00-8 | chrysoidine monohydrochloride;<br>4-phenylazophenylene-1,3-diamine monohydrochloride; [1]<br>chrysoidine monoacetate;<br>4-(phenylazo)benzene-1,3-diamine monoacetate; [2]<br>chrysoidine acetate;<br>4-(phenylazo)benzene-1,3-diamine acetate; [3]<br>chrysoidine- <i>p</i> -dodecylbenzenesulfonate;<br>dodecylbenzenesulfonic acid, compound with 4-(phenylazo)benzene-1,3-diamine (1:1); [4]<br>chrysoidine dihydrochloride;<br>4-(phenylazo)benzene-1,3-diamine dihydrochloride; [5]<br>chrysoidine sulfate;<br>bis[4-(phenylazo)benzene-1,3-diamine] sulfate [6] | 208-545-8 [1]<br>278-290-5 [2]<br>279-116-0 [3]<br>264-409-8 [4]<br>281-549-5 [5]<br>282-432-1 [6] | 532-82-1 [1]<br>75660-25-2 [2]<br>79234-33-6 [3]<br>63681-54-9 [4]<br>83968-67-6 [5]<br>84196-22-5 [6] | Muta. Cat. 3; R68<br>Xn; R22<br>Xi; R38-41<br>N; R50-53 | Xn; N<br>R: 22-38-41-68-50/53<br>S: (2-)23-26-36/37/39-46-60-61 |                                   |             |
| 611-153-00-3 | chrysoidine C <sub>10-14</sub> -alkyl derivatives;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 286-946-7 [1]                                                                                      | 85407-90-5 [1]                                                                                         | Muta. Cat. 3; R68                                       | Xn                                                              |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                      | EG-Nummer     | CAS-Nummer     | Einstufung                                             | Kennzeichnung                                                          | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              | benzenesulfonic acid, mono-C <sub>10</sub> - <sub>14</sub> -alkyl derivatives, compounds with 4-(phenylazo)-1,3-benzenediamine; [1]<br><br>chrysoidine compound with dibutyl-naphthalene sulfonic acid;<br><br>dibutyl-naphthalenesulfonic acid, compound with 4-(phenylazo)benzene-1,3-diamine (1:1) [2] | 304-236-8 [2] | 94247-67-3 [2] | Xn; R22<br><br>Xi; R38-41                              | R: 22-38-41-68<br><br>S: (2-)23-26-36/37/39-46                         |                                   |             |
| 611-154-00-9 | trisodium 5-benzamido-4-hydroxy-3-(4-methyl-2-sulfonatophenylazo)naphthalene-2,7-disulfonate                                                                                                                                                                                                              | 403-670-6     | 92408-46-3     | R52-53                                                 | R: 52/53<br><br>S: 61                                                  |                                   |             |
| 611-155-00-4 | 4,4'-oxybis(benzenesulfonylazide)                                                                                                                                                                                                                                                                         | 431-850-4     | 7456-68-0      | E; R3<br><br>F; R11<br><br>Xn; R48/22<br><br>N; R50-53 | E; Xn; N<br><br>R: 3-11-48/22-50/53<br><br>S: (2-)14-22-33-35-36-60-61 |                                   |             |
| 611-156-00-X | triammonium 4-[4-[7-(4-carboxylatoanilino)-1-hydroxy-3-sulfonato-2-naphthylazo]-2,5-dimethoxyphenylazo]benzoate                                                                                                                                                                                           | 432-270-4     | 221354-37-6    | Repr. Cat. 3; R62<br><br>Xn; R48/22<br><br>N; R51-53   | Xn; N<br><br>R: 48/22-62-51/53<br><br>S: (2-)36/37-61                  |                                   |             |
| 611-157-00-5 | benzenesulfonic acid, 3,3'-(methylenebis((dihydroxyphenyle                                                                                                                                                                                                                                                | 432-590-4     | 243869-48-9    | Xi; R36                                                | Xi                                                                     |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                               | EG-Nummer | CAS-Nummer | Einstufung            | Kennzeichnung                                 | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              | ne)azo))bis-, potassium sodium salt;<br><br>potassium sodium 3-[(E)-(6-{3,4-dihydroxy-2-[(Z)-(3-sulfonatophenyl)diazenyl]benzyl}-2,3-dihydroxyphenyl)diazenyl]benzenesulfonate                                                                                                                                                                                                                                                     |           |            | R52-53                | R: 36-52/53<br><br>S: (2-)26-61               |                                   |             |
| 611-158-00-0 | reaction product of: 2,3,4,2',3',4'-hexahydroxy-5,5'-diacetyl-diphenylmethane and 6-diazo-5,6-dihydro-5-oxo-1-naphthalenesulfonylchloride and 3-diazo-3,4-dihydro-6-methoxy-4-oxo-1-naphthalenesulfonylchloride                                                                                                                                                                                                                    | 421-520-8 | -          | F; R11<br><br>R53     | F<br><br>R: 11-53<br><br>S: (2-)3-12-16-33-61 |                                   |             |
| 611-159-00-6 | disodium 4-amino-6-((4-((2,4-diaminophenyl)azo)phenylsulfonyl)phenyl)azo)-5-hydroxy-3-((4-nitrophenyl)azo)naphthalene-2,7-disulfonate                                                                                                                                                                                                                                                                                              | 421-880-6 | -          | Xi; R41<br><br>R52-53 | Xi<br><br>R: 41-52/53<br><br>S: (2-)26-39-61  |                                   |             |
| 611-160-00-1 | reaction mass of: 1,1,1-tris(phenyl-4'-(3"-diazo-3",4"-dihydro-4"-oxo-naphthalene-1"-sulfonato)ethane;<br><br>1,1,1-tris(phenyl-4'-(6"-diazo-5",6"-dihydro-5"-oxo-naphthalene-1"-sulfonato)ethane;<br><br>reaction product of 1,1,1-tris(p-hydroxyphenyl)ethane with 6-diazo-5,6-dihydro-5-oxo-1-naphthylsulfonylchloride and 3-diazo-3,4-dihydro-4-oxo-1-naphthylsulfonylchloride (2:1);<br><br>reaction product of 1,1,1-tris(p- | 422-760-6 | -          | F; R11<br><br>R53     | F<br><br>R: 11-53<br><br>S: (2-)3-12-33-61    |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                         | EG-Nummer | CAS-Nummer | Einstufung                                                | Kennzeichnung                                                     | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              | hydroxyphenyl)ethane with 6-diazo-5,6-dihydro-5-oxo-1-naphthylsulfonylchloride and 3-diazo-3,4-dihydro-4-oxo-1-naphthylsulfonylchloride (1:2)                                                                |           |            |                                                           |                                                                   |                                   |             |
| 611-161-00-7 | trisodium [1,2'-(2-(8-amino-3,5-disulfonatonaphthalene)azo)-(4'-nitrobenzene)diolato- <i>O,O,N</i> ][(Z)-2,2-((phenylcarbamoylethyl)-5-sulfamoylbenzene)diolato- <i>O,O,N</i> ]chromate(III)                 | 423-100-1 | -          | Xi; R41                                                   | Xi<br>R: 41<br>S: (2-)26-39                                       |                                   |             |
| 611-162-00-2 | 2,4-bis(((2-(dimethylammonio)ethoxy)carbonyl)phen-2-ylazo)benzene-1,3-diolbis(methanesulfonate)                                                                                                              | 429-600-4 | -          | Xn; R22<br>Xi; R41<br>N; R51-53                           | Xn; N<br>R: 22-41-51/53<br>S: (2-)22-26-39-61                     |                                   |             |
| 611-163-00-8 | 2,4-bis(((2-(dimethylammonio)ethoxy)carbonyl)phen-2-ylazo)benzene-1,3-diol sulfate                                                                                                                           | 429-610-9 | -          | Xn; R22<br>Xi; R41<br>N; R51-53                           | Xn; N<br>R: 22-41-51/53<br>S: (2-)22-26-39-61                     |                                   |             |
| 611-164-00-3 | reaction mass of: 2,2'-dimethyl-2,2'-azobutanenitrile;<br><br>2-methylpentanenitrile-2-azo-2'-(2'-methylpropanenitrile);<br><br>2,2'-dimethyl-2,2'-azoheptanenitrile;<br><br>2-methylheptanenitrile-2-azo-2' | 429-710-2 | -          | R10<br><br>R32<br><br>R44<br><br>Xn; R22<br><br>N; R51-53 | Xn; N<br><br>R: 10-22-32-44-51/53<br><br>S: (2-)12-15-16-47-51-61 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | EG-Nummer | CAS-Nummer | Einstufung            | Kennzeichnung                                | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              | (2'-methylpropanenitrile);<br><br>2-methylheptanenitrile-2-azo-2'-<br>(2'-methylbutanenitrile)                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |            |                       |                                              |                                   |             |
| 611-165-00-9 | reaction mass of: tetrasodium 4-amino-6-(5-(2,6-difluoropyrimidin-4-ylamino)-2-sulfonatophenylazo)-5-hydroxy-3-(4-(sulfatoethylsulfonyl)phenylazo)naphthalene-2,7-disulfonate;<br><br>tetrasodium 4-amino-6-(5-(4,6-difluoropyrimidin-2-ylamino)-2-sulfonatophenylazo)-5-hydroxy-3-(4-(2-sulfatoethylsulfonyl)phenylazo)naphthalene-2,7-disulfonate                                                                                                                                                                                | 431-830-5 | -          | R52-53                | R: 52/53<br><br>S: 61                        |                                   |             |
| 611-166-00-4 | reaction mass of: pentasodium 4-amino-5-hydroxy-3-[(E)-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]-6-[(E)-2-sulfonato-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]naphthalene-2,7-disulfonate;<br><br>tetrasodium 4-amino-5-hydroxy-3-[(E)-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]-6-[(E)-2-sulfonato-4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate;<br><br>tetrasodium 4-amino-5-hydroxy-6-[(E)-2-sulfonato-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]-3-[(E)-4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate | 432-100-9 | -          | Xi; R41<br><br>R52-53 | Xi<br><br>R: 41-52/53<br><br>S: (2-)26-39-61 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                      | EG-Nummer | CAS-Nummer | Einstufung | Kennzeichnung                  | Spezifische Konzentrationsgrenzen | Anmerkungen |
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| 611-167-00-X | sodium bis[tris(2-hydroxyethyl)ammonium][6-anilino-4'-(4,8-disulfonato-2-naphthylazo)-5'-methyl-3-sulfonatonaphthalene-2-azobenzene-1,2'-diolato]cuprate(II)                                                                                                                                                                                                                                                              | 435-240-9 | -          | R52-53     | R: 52/53<br>S: 61              |                                   |             |
| 611-168-00-5 | reaction mass of: 3-[[4-chloro-6-[[7-[(1,5-disulfo-2-naphthalenyl)azo]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]-1,3,5-triazin-2-yl]amino]-5-[[4-chloro-6-[[8-hydroxy-3,6-disulfo-7-(2-sulfophenyl)azo]-1-naphthalenyl]amino]-1,3,5-triazin-2-yl]amino]benzoic acid;<br><br>3,5-bis[[4-chloro-6-[[7-[(1,5-disulfo-2-naphthalenyl)azo]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]-1,3,5-triazin-2-yl]amino]benzoic acid | 435-440-6 | -          | Xi; R41    | Xi<br>R: 41<br>S: (2-)22-26-39 |                                   |             |
| 611-169-00-0 | sodium 5-(2-carboxyphenylazo)-6-hydroxynaphthalene-2-sulfonate                                                                                                                                                                                                                                                                                                                                                            | 435-800-2 | -          | R52-53     | R: 52/53<br>S: 61              |                                   |             |
| 611-170-00-6 | reaction mass of: trisodium 2-((1-(2-hydroxy-κ-O-5-(2-sulfonatoethansulfonyl)phenylazo-κ-N <sup>2</sup> )-1-phenylmethyl)azo-κ-N <sup>1</sup> )-4-sulfonatobenzoate(5-)-κ-O)cuprate(II);<br><br>disodium 2-((1-(5-ethenesulfonyl-2-hydroxy-κ-O-phenylazo-κ-N <sup>2</sup> )-1-phenylmethyl)azo-κ-N <sup>1</sup> )-4-sulfonatobenzoate-κ-O-(5-                                                                             | 435-880-9 | -          | R52-53     | R: 52/53<br>S: 22-61           |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                              | EG-Nummer | CAS-Nummer | Einstufung                                                        | Kennzeichnung                                                    | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              | ))cuprate(II)                                                                                                                                                                                                                                                                                                                                                                                                     |           |            |                                                                   |                                                                  |                                   |             |
| 611-171-00-1 | reaction mass of: trisodium 3-(5-(2,6-difluoropyrimidin-4-ylamino)-2-sulfonatophenylazo)-5-(4-fluoro-6-morpholin-4-yl-1,3,5-triazin-2-ylamino)-4-hydroxy-2,7-naphthalenedisulfonate;<br><br>trisodium 3-(5-(4,6-difluoropyrimidin-2-ylamino)-2-sulfonatophenylazo)-5-(4-fluoro-6-morpholin-4-yl-1,3,5-triazin-2-ylamino)-4-hydroxy-2,7-naphthalenedisulfonate                                                     | 436-890-6 | -          | Xi; R41<br><br>R52-53                                             | Xi<br><br>R: 41-52/53<br><br>S: (2-)22-26-39-61                  |                                   |             |
| 611-172-00-7 | reaction mass of: triammonium 6-amino-3-((2,5-diethoxy-4-(3-phosphonophenyl)azo)phenyl)azo-4-hydroxy-2-naphthalenesulfonate;<br><br>diammonium 3-((4-((7-amino-1-hydroxy-3-sulfo-naphthalen-2-yl)azo)-2,5-diethoxyphenyl)azo)benzoate                                                                                                                                                                             | 438-310-7 | -          | E; R2<br><br>Repr. Cat. 3; R62<br><br>Xn; R22-48/22<br><br>R52-53 | E; Xn<br><br>R: 2-22-48/22-62-52/53<br><br>S: (2-)22-35-36/37-61 |                                   |             |
| 611-173-00-2 | reaction mass of: 3-[3-carbamoyl-5-(5-{4-chloro-6-[4-(2-sulfonatooxyethylsulfonyl)anilino]-1,3,5-triazin-2-ylamino}-2-sulfonatophenylazo)-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-pyridyl]propanoic acid, trisodium salt;<br><br>3-[3-carbamoyl-5-(5-{4-chloro-6-[4-(vinylsulfonyl)anilino]-1,3,5-triazin-2-ylamino}-2-sulfonatophenylazo)-1,2-dihydro-6-hydroxy-4-methyl-2-oxo-1-pyridyl]propanoic acid, disodium | 440-510-4 | -          | Xi; R41<br><br>R43                                                | Xi<br><br>R: 41-43<br><br>S: (2-)22-26-36/37/39                  |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | EG-Nummer | CAS-Nummer  | Einstufung                   | Kennzeichnung                                          | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              | salt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |             |                              |                                                        |                                   |             |
| 611-174-00-8 | <p>reaction mass of: 3-[5-(4-ethenesulfonyl)butyrylamino]-2-sulfophenylazo]-5-{4-chloro-[6-(4-(3-amino-5-hydroxy-2,7-disulfonaphthalene-4-ylazo)-3-sulfophenylamino]-1,3,5-triazin-2-ylamino}-4-hydroxynaphthalene-2,7-disulfonic acid, sodium salt;</p> <p>3-[5-(4-(2-chloroethanesulfonyl)butyrylamino)-2-sulfophenylazo]-5-{4-chloro-[6-(4-(3-amino-5-hydroxy-2,7-disulfonaphthalene-4-ylazo)-3-sulfophenylamino]-1,3,5-triazin-2-ylamino}-4-hydroxynaphthalene-2,7-disulfonic acid, sodium salt</p>                       | 442-290-5 | 457624-86-1 | Xi; R41                      | <p>Xi</p> <p>R: 41</p> <p>S: (2-)22-26-39</p>          |                                   |             |
| 611-175-00-3 | <p>reaction mass of: trisodium 5-{4-chloro-6-[N-ethyl-(3-(2-sulfonatooxy)ethylsulfonyl)anilino]-1,3,5-triazin-2-ylamino}-4-hydroxy-3-[4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate;</p> <p>trisodium 5-{4-chloro-6-[N-ethyl-3-(vinylsulfonyl)anilino]-1,3,5-triazin-2-ylamino}-4-hydroxy-3-[4-(2-(sulfonatooxy)ethylsulfonyl)phenylazo]naphthalene-2,7-disulfonate;</p> <p>disodium 5-{4-chloro-6-[N-ethyl-3-(vinylsulfonyl)anilino]-1,3,5-triazin-2-ylamino}-4-hydroxy-3-[(4-(vinylsulfonyl)phenylazo]naphthal</p> | 444-050-5 | -           | <p>Xi; R41</p> <p>R52-53</p> | <p>Xi</p> <p>R: 41-52/53</p> <p>S: (2-)22-26-39-61</p> |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                       | EG-Nummer | CAS-Nummer  | Einstufung                           | Kennzeichnung                                            | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              | ene-2,7-disulfonate;<br><br>tetrasodium 5-{4-chloro-6-[N-ethyl-3-(2-(sulfonatooxy)ethylsulfonyl)anilino]-1,3,5-triazin-2-ylamino}-3-[4-(2-(sulfonatooxy)ethylsulfonyl)phenylazo]-4-hydroxynaphthalene-2,7-disulfonate                                                                                                                                                                                      |           |             |                                      |                                                          |                                   |             |
| 611-176-00-9 | 2,6-bis(2,3,4-trihydroxybenzyl)- <i>p</i> -cresol ester with 6-diazo-5,6-dihydro-5-oxo-1-naphthalenesulfonate                                                                                                                                                                                                                                                                                              | 444-250-2 | -           | E; R2<br><br>F; R11<br><br>N; R51-53 | E; N<br><br>R: 2-11-51/53<br><br>S: (2-)22-61            |                                   |             |
| 611-177-00-4 | reaction mass of: pentasodium bis[6-anilino-3,5'-disulfonatonaphthalene-2-azobenzene-1,2'-diolato]cobaltate(III);<br><br>tetrasodium [6-anilino-3,5'-disulfonatonaphthalene-2-azobenzene-1,2'-diolato][6-anilino-5'-sulfamoyl-3-sulfonatonaphthalene-2-azobenzene-1,2'-diolato]cobaltate(III);<br><br>trisodium bis[6-anilino-5'-sulfamoyl-3-sulfonatonaphthalene-2-azobenzene-1,2'-diolato]cobaltate(III) | 444-290-0 | 508202-43-5 | Xi; R41<br><br>R43<br><br>R52-53     | Xi<br><br>R: 41-43-52/53<br><br>S: (2-)22-24-26-37/39-61 |                                   |             |
| 611-178-00-X | reaction mass of: pentasodium 4-amino-5-hydroxy-3-[( <i>E</i> )-4-[2-(sulfonatooxy)ethylsulfonyl]phen                                                                                                                                                                                                                                                                                                      | 445-280-9 | -           | Xi; R41                              | Xi                                                       |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | EG-Nummer | CAS-Nummer | Einstufung                | Kennzeichnung                                      | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              | <p>ylazo}-6-[(E)-2-sulfonato-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]naphthalene-2,7-disulfonate;</p> <p>tetrasodium 4-amino-5-hydroxy-3-[(E)-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]-6-[(E)-2-sulfonato-4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate;</p> <p>tetrasodium 4-amino-5-hydroxy-6-[(E)-2-sulfonato-4-[2-(sulfonatooxy)ethylsulfonyl]phenylazo]-3-[(E)-4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate;</p> <p>trisodium 4-amino-5-hydroxy-3-[(E)-4-(vinylsulfonyl)phenylazo]-6-[(E)-2-sulfonato-4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate;</p> <p>trisodium 4-amino-5-hydroxy-3-[(2-hydroxyethylsulfonyl)phenylazo]-6-[(E)-2-sulfonato-4-(vinylsulfonyl)phenylazo]naphthalene-2,7-disulfonate;</p> <p>trisodium 4-amino-5-hydroxy-3-[(E)-4-(vinylsulfonyl)phenylazo]-6-[2-sulfonato-4-(2-hydroxyethylsulfonyl)phenylazo]naphthalene-2,7-disulfonate</p> |           |            | <p>R43</p> <p>R52-53</p>  | <p>R: 41-43-52/53</p> <p>S: (2-)24-26-37/39-61</p> |                                   |             |
| 611-179-00-5 | reaction mass of: pentasodium 2-[[8-[[4-chloro-6-[[4-(2-sulfonatoethylsulfonyl)]phenyl]amino]-1,3,5-triazin-2-yl]amino-1-hydroxy-3,6-disulfonato-2-naphthalenyl]azo]naphthalene-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 450-010-8 | -          | <p>Xi; R41</p> <p>R43</p> | <p>Xi</p> <p>R: 41-43</p>                          |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                          | EG-Nummer | CAS-Nummer | Einstufung                                                                                        | Kennzeichnung                                                                   | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              | 1,5-disulfonate;<br><br>2-[[8-[[4-chloro-6-[[4-[[2-ethenyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]-1-hydroxy-3,6-disulfonato-2-naphthalenyl]azo]naphthalene-1,5-disulfonate                                                                                                          |           |            |                                                                                                   | S: (2-)22-24-26-37/39                                                           |                                   |             |
| 611-180-00-0 | iron, complexes with diazotised 4-aminobenzenesulfonamide,diazotised 3-aminobenzenesulfonic acid, diazotised 3-amino-4-hydroxybenzenesulfonamide,diazotised 3-amino-4-hydroxy-N-phenylbenzenesulfonamide, diazotised 5-amino-2-(phenylamino)benzenesulfonic acid and resorcinol, sodium salts | 417-850-7 | -          | N; R51-53                                                                                         | N<br><br>R: 51/53<br><br>S: 22-61                                               |                                   |             |
| 612-057-01-1 | piperazine;<br><br>[liquid]                                                                                                                                                                                                                                                                   | 203-808-3 | 110-85-0   | Repr. Cat. 3; R62-63<br><br>C; R34<br><br>R42/43                                                  | Xn; C<br><br>R: 34-42/43-62-63<br><br>S: (1/2-)23-26-36/37/39-45                |                                   |             |
| 612-122-01-4 | hydroxylamine ...% [ $\leq$ 55% in aqueous solution]                                                                                                                                                                                                                                          | 232-259-2 | 7803-49-8  | R5<br><br>Carc. Cat. 3; R40<br><br>Xn; R21/22-48/22<br><br>Xi; R37/38-41<br><br>R43<br><br>N; R50 | Xn; N<br><br>R: 5-21/22-37/38-40-41-43-48/22-50<br><br>S: (2-)26-36/37/39-46-61 |                                   | B           |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                              | EG-Nummer | CAS-Nummer | Einstufung                                                                        | Kennzeichnung                                                                        | Spezifische Konzentrationsgrenzen | Anmerkungen |
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| 612-169-00-3 | bis( <i>N</i> -methyl- <i>N</i> -phenylhydrazine)sulfate                                                                                                                                          | 423-170-1 | 618-26-8   | F; R11<br><br>T; R48/25<br><br>Xn; R22<br><br>Xi; R41<br><br>R43<br><br>N; R50-53 | F; T; N<br><br>R: 11-22-41-43-48/25-50/53<br><br>S: (1/2-)22-26-33-36/37/39-45-60-61 |                                   |             |
| 612-203-00-7 | C <sub>8-10</sub> alkyl dimethyl hydroxyethyl ammoniumchloride (chain < C <sub>8</sub> : <3%, chain = C <sub>8</sub> : 15%-70%, chain = C <sub>10</sub> : 30%-85%, chain > C <sub>10</sub> : <3%) | 417-360-3 | -          | Xn; R21/22<br><br>Xi; R38                                                         | Xn<br><br>R: 21/22-38<br><br>S: (2-)25-36/37                                         |                                   |             |
| 612-208-00-4 | <i>N</i> -methylbenzene-1,2-diammonium hydrogen phosphate                                                                                                                                         | 424-460-0 | -          | Xn; R22<br><br>R43<br><br>N; R51-53                                               | Xn; N<br><br>R: 22-43-51/53<br><br>S: (2-)22-25-36/37-61                             |                                   |             |
| 612-216-00-8 | 1-amino-1-cyanamino-2,2-dicyanoethylene, sodium salt                                                                                                                                              | 425-870-2 | 19450-38-5 | R43<br><br>R52-53                                                                 | Xi<br><br>R: 43-52/53<br><br>S: (2-)24-37-61                                         |                                   |             |
| 612-219-00-4 | (2-hydroxy-3-(3,4-dimethyl-9-oxo-10-thiaanthracen-2-                                                                                                                                              | 402-200-7 | -          | R52-53                                                                            |                                                                                      |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                         | EG-Nummer | CAS-Nummer  | Einstufung                                     | Kennzeichnung                                                    | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              | xyloxy)propyl)trimethylammonium chloride                                                     |           |             |                                                | R: 52/53<br>S: 61                                                |                                   |             |
| 612-220-00-X | <i>N</i> -nitro- <i>N</i> -(3-methyl-3,6-dihydro-2 <i>H</i> -1,3,5-oxadiazin-4-yl)amine      | 431-060-1 | 153719-38-1 | Xn; R22<br>R43<br>R52-53                       | Xn<br>R: 22-43-52/53<br>S: (2-)22-24-37-61                       |                                   |             |
| 612-221-00-5 | 2-amino-4-(trifluoromethyl)benzenethiol hydrochloride                                        | 429-560-8 | 4274-38-8   | C; R34<br>Xn; R20/21/22-48/22<br>R43<br>N; R50 | C; N<br>R: 20/21/22-34-43-48/22-50<br>S: (1/2-)26-36/37/39-45-61 |                                   |             |
| 612-222-00-0 | <i>cis</i> -1-(3-(4-fluorophenoxy)propyl)-3-methoxy-4-piperidinamine                         | 425-080-8 | 104860-26-6 | Xn; R21/22-48/22<br>Xi; R41<br>N; R50-53       | Xn; N<br>R: 21/22-41-48/22-50/53<br>S: (2-)26-36/37/39-60-61     |                                   |             |
| 612-223-00-6 | <i>N</i> -benzyl- <i>N</i> -ethyl-4-(5-nitrobenzo[ <i>c</i> ]isothiazol-3-ylazo)phenyl)amine | 425-300-2 | 186450-73-7 | R43<br>R53                                     | Xi<br>R: 43-53<br>S: (2-)22-24-37-61                             |                                   |             |
| 612-224-00-1 | <i>N</i> 2, <i>N</i> 4, <i>N</i> 6-tris{4-[(1,4-dimethylpentyl)amino]phenyl}-                | 426-150-0 | 121246-28-4 | R43                                            | Xi; N                                                            |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                | EG-Nummer | CAS-Nummer  | Einstufung                                                   | Kennzeichnung                                                         | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              | 1,3,5-triazine-2,4,6-triamine                                                                                                                                                       |           |             | N; R50-53                                                    | R: 43-50/53<br>S: (2-)24-37-60-61                                     |                                   |             |
| 612-225-00-7 | 1,4,7,10-tetraazacyclododecane                                                                                                                                                      | 425-450-9 | 294-90-6    | C; R34<br>Xn; R21/22<br>N; R50-53                            | C; N<br>R: 21/22-34-50/53<br>S: (1/2-)22-26-36/37/39-45-60-61         |                                   |             |
| 612-226-00-2 | 3-(2'-phenoxyethoxy)propylamine                                                                                                                                                     | 427-870-8 | 6903-18-0   | Xn; R22<br>Xi; R38-41<br>R52-53                              | Xn<br>R: 22-38-41-52/53<br>S: (2-)23-26-37/39-61                      |                                   |             |
| 612-227-00-8 | benzyl-N-(2-(2-methoxyphenoxy)ethyl)amine hydrochloride                                                                                                                             | 428-290-8 | 120606-08-8 | Xn; R22<br>Xi; R41<br>N; R50-53                              | Xn; N<br>R: 22-41-50/53<br>S: (2-)22-26-39-60-61                      |                                   |             |
| 612-228-00-3 | reaction mass of: N-(3-(trimethoxysilyl)propyl)ethylenediamine;<br>N-benzyl-N-(3-(trimethoxysilyl)propyl)ethylenediamine;<br>N-benzyl-N'-[3-(trimethoxysilyl)propyl]ethylenediamine | 414-340-6 | -           | R10<br>Xn; R20/21/22-68/20/21/22<br>Xi; R41<br>R43<br>R52-53 | Xn<br>R: 10-20/21/22-41-43-68/20/21/22-52/53<br>S: (2-)26-36/37/39-61 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                             | EG-Nummer | CAS-Nummer  | Einstufung                         | Kennzeichnung                                                      | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              | iamine;<br><br><i>N,N'</i> -bis-benzyl- <i>N'</i> -[3-(trimethoxysilyl)propyl]ethylened iamine;<br><br><i>N,N,N'</i> -tris-benzyl- <i>N'</i> -[3-(trimethoxysilyl)propyl]ethylened iamine;<br><br><i>N,N</i> -bis-benzyl- <i>N'</i> -[3-(trimethoxysilyl)propyl]ethylened iamine |           |             |                                    |                                                                    |                                   |             |
| 612-229-00-9 | mepanipyrim;<br><br>4-methyl- <i>N</i> -phenyl-6-(1-propynyl)-2-pyrimidinamine                                                                                                                                                                                                   | -         | 110235-47-7 | Carc. Cat. 3; R40<br><br>N; R50-53 | Xn; N<br><br>R: 40-50/53<br><br>S: (2-)36/37-46-60-61              |                                   |             |
| 612-230-00-4 | <i>N,N</i> -bis(cocoyl-2-oxypropyl)- <i>N,N</i> -dibutylammonium bromide                                                                                                                                                                                                         | 431-530-4 | -           | C; R35<br><br>R43<br><br>N; R50-53 | C; N<br><br>R: 35-43-50/53<br><br>S: (1/2-)26-28-36/37/39-45-60-61 |                                   |             |
| 612-231-00-X | 3-((C <sub>12-18</sub> )-acylamino)- <i>N</i> -(2-((2-hydroxyethyl)amino)-2-oxoethyl)- <i>N,N</i> -dimethyl-1-propanaminium chloride                                                                                                                                             | 427-370-1 | 164288-56-6 | Xi; R41<br><br>N; R50-53           | Xi; N<br><br>R: 41-50/53<br><br>S: (2-)26-39-60-61                 |                                   |             |
| 612-232-00-5 | reaction mass of: trisopropanolamine salt of 1-amino-4-(3-propionamidoanilino)anthraquinone-2-sulfonic acid;                                                                                                                                                                     | 430-410-9 | 186148-38-9 | R52-53                             | R: 52/53<br><br>S: 61                                              |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                       | EG-Nummer                                                                    | CAS-Nummer                                                                       | Einstufung                                                                                        | Kennzeichnung                                                          | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              | triisopropanolamine salt of 1-amino-4-[3,4-dimethyl-5-(2-hydroxyethylaminosulfonyl)anilino]anthraquinone-2-sulfonic acid                                                                                   |                                                                              |                                                                                  |                                                                                                   |                                                                        |                                   |             |
| 612-237-00-2 | hydroxylammonium hydrogensulfate;<br><br>hydroxylamine sulfate(1:1); [1]<br><br>hydroxylamine phosphate; [2]<br><br>hydroxylamine dihydrogenphosphate; [3]<br><br>hydroxylamine methylbenzenesulfonate [4] | 233-154-4 [1]<br><br>244-077-0 [2]<br><br>242-818-2 [3]<br><br>258-872-5 [4] | 10046-00-1 [1]<br><br>20845-01-6 [2]<br><br>19098-16-9 [3]<br><br>53933-48-5 [4] | E; R2<br><br>Carc. Cat. 3; R40<br><br>Xn; R21/22-48/22<br><br>Xi; R36/38<br><br>R43<br><br>N; R50 | E; Xn; N<br><br>R: 2-21/22-36/38-40-43-48/22-50<br><br>S: (2-)36/37-61 |                                   | T           |
| 612-238-00-8 | (3-chloro-2-hydroxypropyl) trimethylammonium chloride ...%                                                                                                                                                 | 222-048-3                                                                    | 3327-22-8                                                                        | Carc. Cat. 3, R40<br><br>R52-53                                                                   | Xn<br><br>R: 40-52/53<br><br>S: 36/37-61                               |                                   | B           |
| 612-239-00-3 | biphenyl-3,3',4,4'-tetrayltetraamine;<br><br>diaminobenzidine                                                                                                                                              | 202-110-6                                                                    | 91-95-2                                                                          | Carc. Cat. 2; R45<br><br>Muta. Cat. 3; R68                                                        | T<br><br>R: 45-68<br><br>S: 53-45                                      |                                   |             |
| 612-240-00-9 | pyrimethanil (ISO);<br><br><i>N</i> -(4,6-dimethylpyrimidin-2-yl)aniline                                                                                                                                   | -                                                                            | 53112-28-0                                                                       | N; R51-53                                                                                         | N<br><br>R: 51/53<br><br>S: 61                                         |                                   |             |
| 612-241-00-4 | piperazine hydrochloride; [1]                                                                                                                                                                              | 228-042-7 [1]                                                                | 6094-40-2 [1]                                                                    | Repr. Cat. 3; R62-63                                                                              | Xn                                                                     |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                             | EG-Nummer                          | CAS-Nummer                        | Einstufung                                                                  | Kennzeichnung                                                                  | Spezifische Konzentrationsgrenzen                                                                                 | Anmerkungen |
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|              | piperazine dihydrochloride; [2]<br><br>piperazine phosphate [3]                                                  | 205-551-2 [2]<br><br>217-775-8 [3] | 142-64-3 [2]<br><br>1951-97-9 [3] | Xi; R36/38<br><br>R42/43<br><br>R52-53                                      | R: 36/38-42/43-62-63-52/53<br><br>S: (1/2-)22-36/37-45-63-61                   |                                                                                                                   |             |
| 612-242-00-X | cyprodinil (ISO);<br><br>4-cyclopropyl-6-methyl-N-phenylpyrimidin-2-amine                                        | -                                  | 121552-61-2                       | R43<br><br>N; R50-53                                                        | Xi; N<br><br>R: 43-50/53<br><br>S: (2-)24-37-46-60-61                          | N; R50-53: $C \geq 2,5 \%$<br><br>N; R51-53: $0,25 \% \leq C < 2,5 \%$<br><br>R52-53: $0,025 \% \leq C < 0,25 \%$ |             |
| 612-243-00-5 | (1 <i>S-cis</i> )-4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-1-naphthalenamine 2-hydroxy-2-phenylacetate | 420-560-3                          | 79617-97-3                        | Xi; R41<br><br>N; R50-53                                                    | Xi; N<br><br>R: 41-50/53<br><br>S: (2-)26-39-60-61                             | N; R50-53: $C \geq 2,5 \%$<br><br>N; R51-53: $0,25 \% \leq C < 2,5 \%$<br><br>R52-53: $0,025 \% \leq C < 0,25 \%$ |             |
| 612-244-00-0 | 3-(piperazin-1-yl)-benzo[d]isothiazole hydrochloride                                                             | 421-310-6                          | 87691-88-1                        | Repr. Cat. 3; R62<br><br>Xn; R22<br><br>Xi; R36<br><br>R43<br><br>N; R50-53 | Xn; N<br><br>R: 22-36-43-62-50/53<br><br>S: (2-)22-26-36/37/39-60-61           |                                                                                                                   |             |
| 612-245-00-6 | 2-ethylphenylhydrazine hydrochloride                                                                             | 421-460-2                          | 19398-06-2                        | Carc. Cat. 3; R40<br><br>T; R48/25<br><br>Xn; R22                           | T; N<br><br>R: 22-40-41-43-48/25-50/53<br><br>S: (1/2-)22-26-36/37/39-45-60-61 | N; R50-53: $C \geq 2,5 \%$<br><br>N; R51-53: $0,25 \% \leq C < 2,5 \%$<br><br>R52-53: $0,025 \% \leq C < 0,25 \%$ |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                               | EG-Nummer | CAS-Nummer  | Einstufung                                                                            | Kennzeichnung                                          | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              |                                                                                                                    |           |             | Xi; R41<br><br>R43<br><br>N; R50-53                                                   |                                                        |                                   |             |
| 612-246-00-1 | (2-chloroethyl)(3-hydroxypropyl)ammonium chloride                                                                  | 429-740-6 | 40722-80-3  | Carc. Cat. 2; R45<br><br>Muta. Cat. 2; R46<br><br>Xn; R48/22<br><br>R43<br><br>R52-53 | T<br><br>R: 45-46-43-48/22-52/53<br><br>S: 53-45-61    |                                   | E           |
| 612-247-00-7 | <i>N</i> -[3-(1,1-dimethylethyl)-1 <i>H</i> -pyrazol-5-yl]- <i>N'</i> -hydroxy-4-nitrobenzenecarboximidamide       | 423-530-8 | 152828-23-4 | T; R48/25<br><br>Xn; R22<br><br>R52-53                                                | T<br><br>R: 22-48/25-52/53<br><br>S: (1/2-)22-36-45-61 |                                   |             |
| 612-248-00-2 | reaction product of diphenylamine, phenothiazine, and alkenes, branched (C <sub>8-10</sub> , C <sub>9</sub> -rich) | 439-540-0 | -           | Xi; R38<br><br>R43<br><br>R53                                                         | Xi<br><br>R: 38-43-53<br><br>S: (2-)24-37-61           |                                   |             |
| 612-249-00-8 | 4-[(3-chlorophenyl)(1 <i>H</i> -imidazol-1-yl)methyl]-1,2-benzenediamine                                           | 425-030-5 | 159939-85-2 | Repr. Cat. 3; R62                                                                     | C; N                                                   |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                      | EG-Nummer | CAS-Nummer  | Einstufung                                                                                | Kennzeichnung                                                          | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------|-----------|-------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------|-------------|
|              | dihydrochloride                                                                           |           |             | Xn; R22<br><br>C; R34<br><br>R43<br><br>N; R51-53                                         | R: 22-34-43-62-51/53<br><br>S: (1/2-)22-26-36/37/39-45-61              |                                   |             |
| 612-250-00-3 | chloro- <i>N,N</i> -dimethylformiminium chloride                                          | 425-970-6 | 3724-43-4   | R14<br><br>Repr. Cat. 2; R61<br><br>Xn; R22<br><br>C; R35                                 | T; C<br><br>R: 61-14-22-35<br><br>S: 53-45                             |                                   | E           |
| 612-251-00-9 | <i>cis</i> -1-(3-chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride                    | 426-020-3 | 51229-78-8  | F; R11<br><br>Repr. Cat. 3; R63<br><br>Xn; R22<br><br>Xi; R38<br><br>R43<br><br>N; R51-53 | F; Xn; N<br><br>R: 11-22-38-43-63-51/53<br><br>S: (2-)7-22-33-36/37-61 |                                   |             |
| 612-252-00-4 | imidacloprid (ISO);<br><br>1-(6-chloropyridin-3-ylmethyl)- <i>N</i> -nitroimidazolidin-2- | 428-040-8 | 138261-41-3 | Xn; R22<br><br>N; R50-53                                                                  | Xn; N<br><br>R: 22-50/53                                               |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                          | EG-Nummer | CAS-Nummer  | Einstufung                                                                 | Kennzeichnung                                                            | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------|-------------|
|              | ylidenamine                                                                                                                   |           |             |                                                                            | S: (2-)22-57-60-61                                                       |                                   |             |
| 612-253-00-X | 7-methoxy-6-(3-morpholin-4-yl-propoxy)-3 <i>H</i> -quinazolin-4-one;<br><br>[containing < 0.5 % formamide (EC No 200-842-0)]  | 429-400-7 | 199327-61-2 | R52-53                                                                     | R: R52/53<br><br>S: 61                                                   |                                   |             |
| 612-253-01-7 | 7-methoxy-6-(3-morpholin-4-yl-propoxy)-3 <i>H</i> -quinazolin-4-one;<br><br>[containing ≥ 0.5 % formamide (EC No 200-842-0) ] | 429-400-7 | 199327-61-2 | Repr. Cat. 2; R61<br><br>R52-53                                            | T<br><br>R: 61-52/53<br><br>S: 53-45-61                                  |                                   |             |
| 612-254-00-5 | reaction products of diisopropanolamine with formaldehyde (1:4)                                                               | 432-440-8 | 220444-73-5 | Carc. Cat. 3; R40<br><br>Xn; R22<br><br>C; R34<br><br>R43<br><br>N; R51-53 | C; N<br><br>R: 22-34-40-43-51/53<br><br>S: (1/2-)13-25-26-36/37/39-45-61 |                                   |             |
| 612-255-00-0 | 1-(3-methoxypropyl)-4-piperidinamine                                                                                          | 431-950-8 | 179474-79-4 | Xn; R21/22<br><br>C; R34<br><br>R52-53                                     | C<br><br>R: 21/22-34-52/53<br><br>S: (1/2-)26-36/37/39-45-61             |                                   |             |
| 612-256-00-6 | benzyl( <i>S</i> )-2-[(2'-cyanobiphenyl-4-ylmethyl)pentanoylamino]-3-methylbutyrate                                           | 427-470-3 | 137864-22-3 | Xn; R22<br><br>R43                                                         | Xn<br><br>R: 22-43                                                       |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                           | EG-Nummer | CAS-Nummer  | Einstufung                                      | Kennzeichnung                                          | Spezifische Konzentrationsgrenzen                                                                         | Anmerkungen |
|--------------|----------------------------------------------------------------|-----------|-------------|-------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------|
|              |                                                                |           |             |                                                 | S: (2-)36/37                                           |                                                                                                           |             |
| 612-257-00-1 | tripropylammonium dihydrogenphosphate                          | 433-700-3 | 35687-90-2  | Xn; R22                                         | Xn<br>R: 22<br>S: (2-)22                               |                                                                                                           |             |
| 612-259-00-2 | N-ethyl-3-trimethoxysilyl-2-methyl-propanamine                 | 437-720-3 | 227085-51-0 | Xi; R41                                         | Xi<br>R: 41<br>S: (2-)26-39                            |                                                                                                           |             |
| 612-261-00-3 | 3,5-dichloro-2-fluoro-4-(1,1,2,3,3,3-hexafluoropropoxy)aniline | 441-190-9 | 121451-05-6 | Xn; R22<br>R43<br>N; R50-53                     | Xn; N<br>R: 22-43-50/53<br>S: (2-)24-37-60-61          | N; R50-53: $C \geq 2,5 \%$<br>N; R51-53: $0,25 \% \leq C < 2,5 \%$<br>R52-53: $0,025 \% \leq C < 0,25 \%$ |             |
| 612-265-00-5 | bis(2-hydroxyethyl)-(2-hydroxypropyl)ammonium acetate          | 444-360-0 | 191617-13-7 | R52-53                                          | R: 52/53<br>S: 61                                      |                                                                                                           |             |
| 612-266-00-0 | 3-chloro-4-(3-fluorobenzoyloxy)aniline                         | 445-590-4 | 202197-26-0 | Muta. Cat. 3; R68<br>Xn; R22-48/22<br>N; R50-53 | Xn; N<br>R: 22-48/22-68-50/53<br>S: (2-)22-36/37-60-61 |                                                                                                           |             |
| 612-267-00-6 | bis(hydrogenated tallow C <sub>16-18</sub> -                   | 418-370-0 | -           | R43                                             | Xi                                                     |                                                                                                           |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                          | EG-Nummer | CAS-Nummer  | Einstufung                       | Kennzeichnung                                      | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------------------------|----------------------------------------------------|-----------------------------------|-------------|
|              | alkyl)hydroxylamine                                                                                                                                                                                                                                                                                                                                                                                           |           |             | R53                              | R: 43-53<br>S: (2-)36/37-61                        |                                   |             |
| 612-269-00-7 | reaction mass of: 1-[di(4-octylphenyl)aminomethyl]-5-methyl-1 <i>H</i> -benzotriazole;<br><br>1-[di(4-octylphenyl)aminomethyl]-4-methyl-1 <i>H</i> -benzotriazole;<br><br>reaction mass of: <i>N</i> -[(5-methyl-1 <i>H</i> -benzotriazol-1-yl)methyl]-4-octyl- <i>N</i> -(4-octylphenyl)aniline;<br><br><i>N</i> -[(4-methyl-1 <i>H</i> -benzotriazol-1-yl)methyl]-4-octyl- <i>N</i> -(4-octylphenyl)aniline | 420-720-2 | -           | R53                              | R: 53<br>S: 22-61                                  |                                   |             |
| 612-270-00-2 | ( <i>S</i> )-azetidine-2-carboxylic acid 4-cyanobenzylamide hydrochloride                                                                                                                                                                                                                                                                                                                                     | 433-010-2 | -           | Xn; R22<br><br>R43<br><br>R52-53 | Xn<br><br>R: 22-43-52/53<br><br>S: (2-)22-36/37-61 |                                   |             |
| 612-271-00-8 | reaction mass of: ethyl 2-((4-(5,6-dichlorobenzothiazol-2-ylazo)phenyl)ethylamino)benzoate;<br><br>ethyl 2-((4-(6,7-dichlorobenzothiazol-2-ylazo)phenyl)ethylamino)benzoate                                                                                                                                                                                                                                   | 434-970-5 | 160987-57-5 | R53                              | R: 53<br><br>S: 61                                 |                                   |             |
| 612-272-00-3 | ammonium (η-6-2-(2-(1,2-dicarboxylatoethylamino)ethylam                                                                                                                                                                                                                                                                                                                                                       | 435-210-5 | -           | N; R51-53                        | N                                                  |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                               | EG-Nummer | CAS-Nummer  | Einstufung                                      | Kennzeichnung                                                     | Spezifische Konzentrationsgrenzen                                                             | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------|
|              | ino)butane-1,4-dioato(4-))iron(3+) monohydrate                                                                                                                                                                                     |           |             |                                                 | R: 51/53<br>S: 61                                                 |                                                                                               |             |
| 612-273-00-9 | alkyl(rapeseed oil), bis(2-hydroxyethyl)ammonium fluoride                                                                                                                                                                          | 435-650-8 | -           | Xn; R22<br><br>C; R35<br><br>N; R50-53          | C; N<br><br>R: 22-35-50/53<br><br>S: (1/2-)26-36/37/39-45-60-61   |                                                                                               |             |
| 612-274-00-4 | (R,S)-1-[2-amino-1(4-methoxyphenyl)ethyl]cyclohexanol acetate                                                                                                                                                                      | 445-750-3 | -           | Xn; R22<br><br>Xi; R41<br><br>R43<br><br>R52-53 | Xn<br><br>R: 22-41-43-52/53<br><br>S: (2-)22-24-26-37/39-61       |                                                                                               |             |
| 612-275-00-X | fatty acids, C <sub>18</sub> -unsatd., dimers, reaction products with 1-piperazineethanamine and tall oil                                                                                                                          | 447-880-6 | 206565-89-1 | Xi; R38-41<br><br>R43<br><br>N; R50-53          | Xi; N<br><br>R: 38-41-43-50/53<br><br>S: (2-)23-26-36/37/39-60-61 | N; R50-53: C ≥ 2,5 %<br><br>N; R51-53: 0,25 % ≤ C < 2,5 %<br><br>R52-53: 0,025 % ≤ C < 0,25 % |             |
| 612-276-00-5 | 1-amino-4-[(4-amino-2-sulfofenyl)amino]-9,10-dihydro-9,10-dioxo-2-anthracenesulfonic acid, disodium salt, reaction products with 2-[[3-[(4,6-dichloro-1,3,5-triazin-2-yl)ethylamino]phenyl]sulfonyl]ethyl hydrogen sulfate, sodium | 451-430-4 | 500717-36-2 | Xi; R41<br><br>R43<br><br>R52-53                | Xi<br><br>R: 41-43-52/53<br><br>S: (2-)22-24-26-36/37/39-61       |                                                                                               |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                                                                                         | EG-Nummer | CAS-Nummer  | Einstufung                                                              | Kennzeichnung                                                   | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------|-------------|
|              | salts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |           |             |                                                                         |                                                                 |                                   |             |
| 612-277-00-0 | <p>reaction mass of: 4-amino-3-(4-ethenesulfonyl-2-sulfonatophenylazo)-5-hydroxy-6-(5-{4-chloro-6-[4-(2-sulfonatooxyethanesulfonyl)phenylamino]-1,3,5-triazin-2-ylamino}-2-sulfonatophenylazo)naphthalene-2,7-disulfonate potassium/sodium;</p> <p>4-amino-5-hydroxy-6-(5-{4-chloro-6-[4-(2-sulfonatooxyethanesulfonyl)phenylamino]-1,3,5-triazin-2-ylamino}-2-sulfonatophenylazo)-3-(2-sulfonato-4-(2-sulfonatooxyethanesulfonyl)phenylazo)naphthalene-2,7-disulfonate potassium/sodium</p> | 451-440-9 | 586372-44-3 | Xi; R41                                                                 | <p>Xi</p> <p>R: 41</p> <p>S: (2-)22-26-39</p>                   |                                   |             |
| 612-278-00-6 | <p>ethidium bromide;</p> <p>3,8-diamino-1-ethyl-6-phenylphenantridinium bromide</p>                                                                                                                                                                                                                                                                                                                                                                                                          | 214-984-6 | 1239-45-8   | <p>Muta. Cat. 3; R68</p> <p>T+; R26</p> <p>Xn; R22</p>                  | <p>T+</p> <p>R: 22-26-68</p> <p>S: (1/2-)28-36/37-45-63</p>     |                                   |             |
| 612-279-00-1 | (R,S)-2-amino-3,3-dimethylbutane amide                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 447-860-7 | 144177-62-8 | <p>Repr. Cat. 3; R62</p> <p>Xn; R48/22</p> <p>Xi; R36/38</p> <p>R43</p> | <p>Xn</p> <p>R: 36/38-43-48/22-62</p> <p>S: (2-)22-26-36/37</p> |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                          | EG-Nummer | CAS-Nummer  | Einstufung                                    | Kennzeichnung                                               | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-----------------------------------------------|-------------------------------------------------------------|-----------------------------------|-------------|
| 612-280-00-7 | 3-amino-9-ethyl carbazole;<br><br>9-ethylcarbazol-3-ylamine                                                                                                                                                                                   | 205-057-7 | 132-32-1    | Carc. Cat. 2; R45                             | T<br><br>R: 45<br><br>S: 53-45                              |                                   | H           |
| 613-116-01-4 | tolylfluamid (ISO);<br><br>dichloro- <i>N</i> -<br>[(dimethylamino)sulphonyl]fluor<br>o- <i>N</i> -( <i>p</i> -<br>tolyl)methanesulphenamide;<br><br>[containing < 0.1% (w/w) of<br>particles with an aerodynamic<br>diameter of below 50 µm] | 211-986-9 | 731-27-1    | Xi; R36/37/38<br><br>R43<br><br>N; R50        | Xi; N<br><br>R: 36/37/38-43-50<br><br>S: (2-)25-36/37-46-61 | N; R50: C ≥ 2,5 %                 |             |
| 613-161-00-2 | 2,4-diamino-6-<br>hydroxymethylpteridinehydrobro<br>mide                                                                                                                                                                                      | 430-620-0 | 76145-91-0  | Xn; R48/22<br><br>R43<br><br>R52-53           | Xn<br><br>R: 43-48/22-52/53<br><br>S: (2-)22-36/37-61       |                                   |             |
| 613-162-00-8 | (6 <i>R-trans</i> )-1-((7-ammonio-2-<br>carboxylato-8-oxo-5-thia-1-<br>azabicyclo-[4.2.0]oct-2-en-3-<br>yl)methyl)pyridinium iodide                                                                                                           | 423-260-0 | 100988-63-4 | Muta. Cat. 3; R68<br><br>R43<br><br>N; R51-53 | Xn; N<br><br>R: 43-68-51/53<br><br>S: (2-)36/37-61          |                                   |             |
| 613-187-00-4 | 5-(2-amino-5-cyano-6-[2-(2-<br>hydroxyethoxy)ethylamino]-4-<br>methylpyridin-3-ylazo)-3-methyl-<br>2,4-dicarbonitrilethiophene                                                                                                                | 410-530-8 | -           | R43                                           | Xi<br><br>R: 43<br><br>S: (2-)24-37                         |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                          | EG-Nummer | CAS-Nummer  | Einstufung                                               | Kennzeichnung                                                         | Spezifische Konzentrationsgrenzen | Anmerkungen |
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| 613-192-00-1 | 3-benzyl-exo-6-nitro-2,4-dioxo-3-aza- <i>cis</i> -bicyclo[3.1.0]hexane        | 426-750-2 | 151860-15-0 | R43<br><br>R52-53                                        | Xi<br><br>R: 43-52/53<br><br>S: (2-)24-37-61                          |                                   |             |
| 613-198-00-4 | 2-amino-4-dimethylamino-6-trifluoroethoxy-1,3,5-triazine                      | 415-500-8 | 145963-84-4 | Xn; R22-48/22<br><br>R52-53                              | Xn<br><br>R: 22-48/22-52/53<br><br>S: (2-)22-36-61                    |                                   |             |
| 613-229-00-1 | 1-acetyl-4-(3-dodecyl-2,5-dioxo-1-pyrrolidinyl)-2,2,6,6-tetramethylpiperidine | 411-930-5 | 106917-31-1 | Xi; R38<br><br>R43<br><br>N; R50-53                      | Xi; N<br><br>R: 38-43-50/53<br><br>S: (2-)24-37-60-61                 |                                   |             |
| 613-231-00-2 | 2,6-diamino-3-((pyridine-3-yl)azo)pyridine                                    | 421-430-9 | 28365-08-4  | Xn; R22-48/22<br><br>N; R51-53                           | Xn; N<br><br>R: 22-48/22-51/53<br><br>S: (2-)22-36-61                 |                                   |             |
| 613-232-00-8 | 3-(benzo[ <i>b</i> ]thien-2-yl)-5,6-dihydro-1,4,2-oxathiazine-4-oxide         | 431-030-6 | 163269-30-5 | T; R23<br><br>Xn; R48/22<br><br>Xi; R41<br><br>N; R50-53 | T; N<br><br>R: 23-41-48/22-50/53<br><br>S: (1/2-)26-36/39-45-57-60-61 |                                   |             |
| 613-234-00-9 | imidazo[1,2- <i>b</i> ]pyridazin hydrochloride                                | 431-510-5 | 18087-70-2  | Xn; R22                                                  | Xn                                                                    |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                 | EG-Nummer | CAS-Nummer  | Einstufung                          | Kennzeichnung                                                 | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              |                                                                                                      |           |             | Xi; R36                             | R: 22-36<br>S: (2-)26                                         |                                   |             |
| 613-235-00-4 | 2,3-dihydro-2,2-dimethyl-1 <i>H</i> -perimidine                                                      | 424-060-6 | 6364-17-6   | Xn; R22-48/22<br>R43<br>N; R50-53   | Xn; N<br>R: 22-43-48/22-50/53<br>S: (2-)28-36/37-60-61        |                                   |             |
| 613-236-00-X | 2-chloro-3-trifluoromethylpyridine                                                                   | 424-520-6 | 65753-47-1  | T; R24/25-48/25<br>C; R34<br>R52-53 | T<br>R: 24/25-34-48/25-52/53<br>S: (1/2-)23-26-36/37/39-45-61 |                                   |             |
| 613-237-00-5 | 6- <i>tert</i> -butyl-3-(3-dodecylsulfonyl)propyl-7 <i>H</i> -1,2,4-triazolo[3.4b][1,3,4]thiadiazine | 424-950-4 | 133949-92-5 | R53                                 | R: 53<br>S: 61                                                |                                   |             |
| 613-238-00-0 | sodium 2-[[4-[(4,6-dichloro-1,3,5-triazin-2-yl)amino]phenyl]sulfonyl]ethyl sulfate                   | 430-890-1 | 81992-66-7  | R43<br>N; R50-53                    | Xi; N<br>R: 43-50/53<br>S: (2-)22-24-37-60-61                 |                                   |             |
| 613-239-00-6 | 2-[3-(methylamino)propyl]-1 <i>H</i> -benzimidazole                                                  | 425-760-4 | 64137-52-6  | Xi; R41<br>R52-53                   | Xi<br>R: 41-52/53<br>S: (2-)26-39-61                          |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                | EG-Nummer | CAS-Nummer  | Einstufung                          | Kennzeichnung                                   | Spezifische Konzentrationsgrenzen | Anmerkungen |
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| 613-241-00-7 | 3-(2 <i>H</i> -tetrazol-5-yl)pyridine                                                                                                                                                                                                               | 426-810-8 | 3250-74-6   | Xi; R41                             | Xi<br><br>R: 41<br><br>S: (2-)22-26-39          |                                   |             |
| 613-242-00-2 | reaction products of 3,10-bis((2-aminopropyl)amino)-6,13-dichloro-4,11-triphenodioxazinedisulfonic acid with 2-amino-1,4-benzenedisulfonic acid, 2-((4-aminophenyl)sulfonyl)ethyl hydrogen sulfate and 2,4,6-trifluoro-1,3,5-triazine, sodium salts | 426-860-0 | 191877-09-5 | Xi; R41                             | Xi<br><br>R: 41<br><br>S: (2-)22-26-39          |                                   |             |
| 613-243-00-8 | 4,4'-(1,6-hexamethylenebis(formylimino)) bis(2,2,6,6-tetramethyl-1-oxypiperidine)                                                                                                                                                                   | 427-350-0 | 182235-14-9 | N; R51-53                           | N<br><br>R: 51/53<br><br>S: 61                  |                                   |             |
| 613-244-00-3 | 5,7-dichloro-4-hydroxyquinoline                                                                                                                                                                                                                     | 427-420-0 | 21873-52-9  | N; R51-53                           | N<br><br>R: 51/53<br><br>S: 61                  |                                   |             |
| 613-245-00-9 | 2-fluoro-6-trifluoromethylpyridine                                                                                                                                                                                                                  | 428-100-3 | 94239-04-0  | R10<br><br>Xn; R20/22<br><br>R52-53 | Xn<br><br>R: 10-20/22-52/53<br><br>S: (2-)16-61 |                                   |             |
| 613-246-00-4 | 2-hydroxymethyl-3-methyl-4-(2,2,2-trifluoroethoxy)pyridine                                                                                                                                                                                          | 428-200-7 | 103577-66-8 | R52-53                              |                                                 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                           | EG-Nummer | CAS-Nummer  | Einstufung                   | Kennzeichnung                                    | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|------------------------------|--------------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                                                                                                                |           |             |                              | R: 52/53<br>S: 61                                |                                   |             |
| 613-247-00-X | 3-(2-methoxy-4-methoxycarboxybenzyl)-5-nitroindole                                                                                                                                                             | 428-910-7 | 107786-36-7 | R53                          | R: 53<br>S: 61                                   |                                   |             |
| 613-248-00-5 | 3,4-dimethyl-1 <i>H</i> -pyrazole                                                                                                                                                                              | 429-130-1 | 2820-37-3   | Xn; R22<br>Xi; R41<br>R52-53 | Xn<br>R: 22-41-52/53<br>S: (2-)26-39-61          |                                   |             |
| 613-249-00-0 | 1-(2-hydroxyethyl)-1 <i>H</i> -pyrazol-4,5-diylidammoniumsulfate                                                                                                                                               | 429-300-3 | 155601-30-2 | Xi; R41<br>R43<br>N; R51-53  | Xi; N<br>R: 41-43-51/53<br>S: (2-)24-26-37/39-61 |                                   |             |
| 613-250-00-6 | reaction mass of: carbonato-bis- <i>N</i> -ethyl-2-isopropyl-1,3-oxazolidine;<br><br>methyl carbonato- <i>N</i> -ethyl-2-isopropyl-1,3-oxazolidine;<br><br>2-isopropyl- <i>N</i> -hydroxyethyl 1,3-oxazolidine | 429-990-6 | -           | Xi; R41<br>R43<br>R52-53     | Xi<br>R: 41-43-52/53<br>S: (2-)24-26-37/39-61    |                                   |             |
| 613-251-00-1 | ( <i>R</i> )-3-[(1-methylpyrrolidin-2-yl)methyl]-5-[2-(phenylsulfonyl)ethenyl]-1 <i>H</i> -                                                                                                                    | 430-560-5 | 180637-89-2 | Xn; R22-48/22                | Xn                                               |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                            | EG-Nummer | CAS-Nummer  | Einstufung                     | Kennzeichnung                              | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------------------|--------------------------------------------|-----------------------------------|-------------|
|              | indole                                                                                                                                                                                                          |           |             | Xi; R41<br>R43                 | R: 22-41-43-48/22<br>S: (2-)26-36/37/39    |                                   |             |
| 613-253-00-2 | 2,2-dialkyl-4-hydroxymethyl-1,3-dioxolane;<br><br>reaction products with ethylene oxide (alkyl is C <sub>1-12</sub> and the sum to C <sub>13</sub> , average degree of ethoxylation is 3.5)                     | 430-580-4 | -           | R19<br>Xi; R38<br>N; R51-53    | Xi; N<br>R: 19-38-51/53<br>S: (2-)37-61    |                                   |             |
| 613-254-00-8 | forchlorfenuron (ISO);<br><br>1-(2-chloro-4-pyridyl)-3-phenylurea                                                                                                                                               | -         | 68157-60-8  | Carc. Cat. 3; R40<br>N; R51-53 | Xn; N<br>R: 40-51/53<br>S: (2-)36/37-46-61 |                                   |             |
| 613-255-00-3 | reaction mass of isomers of: sodium [(2-hydroxyethylsulfamoyl){[2-(2-piperazin-1-ylethylamino)ethylsulfamoyl][2-(4-aminoethylpiperazine-1-yl)ethylsulfamoyl](sulfamoyl)}(sulfonatophthalocyaninato)]copper (II) | 424-270-8 | -           | Xi; R41                        | Xi<br>R: 41<br>S: (2-)26-39                |                                   |             |
| 613-256-00-9 | 3'5'-anhydro thymidine                                                                                                                                                                                          | 425-810-5 | 38313-48-3  | R52-53                         | R: 52/53<br>S: 61                          |                                   |             |
| 613-257-00-4 | 2-phthalimidoethyl N-[4-(2-cyano-4-nitrophenylazo)phenyl]-N-methyl-β-alaninate                                                                                                                                  | 426-400-9 | 170222-39-6 | R43                            | Xi                                         |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                | EG-Nummer | CAS-Nummer  | Einstufung                                            | Kennzeichnung                                                     | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                                                                                                                     |           |             | R53                                                   | R: 43-53<br>S: (2-)24-37-61                                       |                                   |             |
| 613-258-00-X | reaction mass of: 4-chloro-7-methylbenzotriazole sodium salt;<br><br>4-chloro-5-methylbenzotriazole sodium salt;<br><br>5-chloro-4-methylbenzotriazole sodium salt                                                  | 427-730-6 | 202420-04-0 | C; R34<br><br>R52-53                                  | C<br><br>R: 34-52/53<br><br>S: (1/2-)26-28-36/37/39-45-61         |                                   |             |
| 613-259-00-5 | reaction mass of: [2,4-dioxo-(2-propyn-1-yl)imidazolidin-3-yl]methyl(1 <i>R</i> )- <i>cis</i> -chrysanthemate;<br><br>[2,4-dioxo-(2-propyn-1-yl)imidazolidin-3-yl]methyl(1 <i>R</i> )- <i>trans</i> -chrysanthemate | 428-790-6 | 72963-72-5  | Xn; R22<br><br>N; R50-53                              | Xn; N<br><br>R: 22-50/53<br><br>S: (2-)60-61                      |                                   |             |
| 613-260-00-0 | (±)-4-(3-chlorophenyl)-6-[(4-chlorophenyl)hydroxy(1-methyl-1 <i>H</i> -imidazol-5-yl)methyl]-1-methyl-2(1 <i>H</i> )-quinolin                                                                                       | 430-730-9 | -           | Xi; R41<br><br>N; R50-53                              | Xi; N<br><br>R: 41-50/53<br><br>S: (2-)22-26-39-60-61             |                                   |             |
| 613-261-00-6 | pyrazole-1-carboxamidine monohydrochloride                                                                                                                                                                          | 429-520-1 | 4023-02-3   | Xn; R22-48/22<br><br>Xi; R41<br><br>R43<br><br>R52-53 | Xn<br><br>R: 22-41-43-48/22-52/53<br><br>S: (2-)22-26-36/37/39-61 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                      | EG-Nummer | CAS-Nummer  | Einstufung                                                      | Kennzeichnung                                                         | Spezifische Konzentrationsgrenzen                                                             | Anmerkungen |
|--------------|---------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-----------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------|
| 613-262-00-1 | disodium (E)-1,2-bis-(4-(4-methylamino-6-(4-methylcarbamoylphenylamino)-1,3,5-triazin-2-ylamino)phenyl-2-sulfonato)ethene | 427-310-2 | 180850-95-7 | Xi; R41                                                         | Xi<br><br>R: 41<br><br>S: (2-)26-39                                   |                                                                                               |             |
| 613-263-00-7 | monosodium 3-cyano-5-fluoro-6-hydroxypyridine-2-olate                                                                     | 429-570-2 | -           | R43                                                             | Xi<br><br>R: 43<br><br>S: (2-)24-37                                   |                                                                                               |             |
| 613-266-00-3 | 2-chloro-5-chloromethylthiazole                                                                                           | 429-830-5 | 105827-91-6 | T; R24<br><br>C; R34<br><br>Xn; R22<br><br>R43<br><br>N; R51-53 | T; N<br><br>R: 22-24-34-43-51/53<br><br>S: (1/2-)26-36/37/39-45-61    |                                                                                               |             |
| 613-267-00-9 | thiamethoxam (ISO);<br><br>3-(2-chloro-thiazol-5-ylmethyl)-5-methyl[1,3,5]oxadiazinan-4-ylidene-N-nitroamine              | 428-650-4 | 153719-23-4 | Xn; R22<br><br>N; R50-53                                        | Xn; N<br><br>R: 22-50/53<br><br>S: (2-)60-61                          | N; R50-53: C ≥ 2,5 %<br><br>N; R51-53: 0,25 % ≤ C < 2,5 %<br><br>R52-53: 0,025 % ≤ C < 0,25 % |             |
| 613-268-00-4 | (4aS-cis)-6-benzyl-octahydropyrrolo[3.4-b]pyridine                                                                        | 425-930-8 | 151213-39-7 | C; R34<br><br>Xn; R20/22-48/22<br><br>N; R51-53                 | C; N<br><br>R: 20/22-34-48/22-51/53<br><br>S: (1/2-)26-36/37/39-45-61 |                                                                                               |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                            | EG-Nummer | CAS-Nummer  | Einstufung                             | Kennzeichnung                                      | Spezifische Konzentrationsgrenzen                                                                              | Anmerkungen |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-------------|
| 613-269-00-X | 2-thiazolidinylidenecyanamide                                                                                                                                                   | 427-720-1 | 26364-65-8  | Xn; R22-48/22<br>R52-53                | Xn<br>R: 22-48/22-52/53<br>S: (2-)22-36-61         |                                                                                                                |             |
| 613-270-00-5 | 5-amino- <i>N</i> -(2,6-dichloro-3-methylphenyl)-1 <i>H</i> -1,2,4-triazole-3-sulfonamide                                                                                       | 428-150-6 | 113171-13-4 | R52-53                                 | R: 52/53<br>S: 61                                  |                                                                                                                |             |
| 613-271-00-0 | tritosulfuron (ISO) (containing ≤ 0,02% AMTT);<br><br>1-[4-methoxy-6-(trifluoromethyl)-1,3,5-triazin-2-yl]-3-[2-(trifluoromethyl)benzenesulfonyl]urea (containing ≤ 0,02% AMTT) | -         | 142469-14-5 | R43<br><br>N; R50-53                   | Xi; N<br><br>R: 43-50/53<br>S: (2-)24-37-46-60-61  | N; R50-53: $C \geq 2,5 \%$<br>N; R51-53: $0,25 \% \leq C < 2,5 \%$<br>R52-53: $0,025 \% \leq C < 0,25 \%$      |             |
| 613-272-00-6 | pyraclostrobin (ISO);<br><br>methyl <i>N</i> -{2-[1-(4-chlorophenyl)-1 <i>H</i> -pyrazol-3-yloxymethyl]phenyl}( <i>N</i> -methoxy)carbamate                                     | -         | -           | T; R23<br><br>Xi; R38<br><br>N; R50-53 | T; N<br><br>R: 23-38-50/53<br>S: (1/2-)45-60-61-63 | N; R50-53: $C \geq 0,25 \%$<br>N; R51-53: $0,025 \% \leq C < 0,25 \%$<br>R52-53: $0,0025 \% \leq C < 0,025 \%$ |             |
| 613-273-00-1 | tetrahydro-3-methyl-5-((2-phenylthio)thiazol-5-ylmethyl)-[4 <i>H</i> ]-1,3,5-oxadiazinan-4-ylidene- <i>N</i> -nitroamine                                                        | 427-600-9 | 192439-46-6 | N; R51-53                              | N<br>R: 51/53<br>S: 61                             |                                                                                                                |             |
| 613-274-00-7 | 2,6-dichloro-1-                                                                                                                                                                 | 427-400-1 | 140623-89-8 | C; R34                                 | C; N                                               |                                                                                                                |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                              | EG-Nummer | CAS-Nummer | Einstufung                                                | Kennzeichnung                                                          | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------------------------------|-----------|------------|-----------------------------------------------------------|------------------------------------------------------------------------|-----------------------------------|-------------|
|              | fluoropyridiniumtetrafluoroborate                                                                                 |           |            | Xn; R22<br>R43<br>N; R50-53                               | R: 22-34-43-50/53<br>S: (1/2-)26-36/37/39-45-60-61                     |                                   |             |
| 613-275-00-2 | 3-(2-chloroethyl)-6,7,8,9-tetrahydro-2-methyl-4 <i>H</i> -pyrido[1,2- <i>a</i> ]pyrimidin-4-one monohydrochloride | 424-530-0 | 93076-03-0 | T; R25<br>Xn; R68/21-48/22<br>Xi; R41<br>R43<br>N; R51-53 | T; N<br>R: 25-41-43-48/22-68/21-51/53<br>S: (1/2-)22-26-36/37/39-45-61 |                                   |             |
| 613-276-00-8 | 1-(2-chlorophenyl)-1,2-dihydro-5 <i>H</i> -tetrazol-5-one                                                         | 426-110-2 | 98377-35-6 | R43<br>R52-53                                             | Xi<br>R: 43-52/53<br>S: (2-)24/25-37-61                                |                                   |             |
| 613-277-00-3 | (4-(6-diethylamino-2-methylpyridin-3-yl)imino-4,5-dihydro-3-methyl-1-(4-methylphenyl)-1 <i>H</i> -pyrazol-5-one   | 427-070-9 | -          | R53                                                       | R: 53<br>S: 61                                                         |                                   |             |
| 613-278-00-9 | (3-aminophenyl)pyridin-3-ylmethanone                                                                              | 428-230-0 | 79568-06-2 | Xn; R48/22<br>N; R50-53                                   | Xn; N<br>R: 48/22-50/53<br>S: (2-)22-36-60-61                          |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                       | EG-Nummer | CAS-Nummer  | Einstufung                                                                      | Kennzeichnung                                     | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|---------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------|-------------|
| 613-279-00-4 | 2-ethyl-2,3-dihydro-2-methyl-1 <i>H</i> -perimidine                                                                                        | 424-380-6 | 43057-68-7  | Xn; R22-48/22<br>N; R50-53                                                      | Xn; N<br>R: 22-48/22-50/53<br>S: (2-)36/37-60-61  |                                   |             |
| 613-280-00-X | tetrahydro-1,3-dimethyl-1 <i>H</i> -pyrimidin-2-one;<br>dimethyl propyleneurea                                                             | 230-625-6 | 7226-23-5   | Repr. Cat. 3; R62<br>Xn; R22<br>Xi; R41                                         | Xn<br>R: 22-41-62<br>S: 26-36/37/39               |                                   |             |
| 613-281-00-5 | quinoline                                                                                                                                  | 202-051-6 | 91-22-5     | Carc. Cat. 2; R45<br>Muta. Cat. 3; R68<br>Xn; R21/22<br>Xi; R36/38<br>N; R51-53 | T; N<br>R: 45-21/22-36/38-68-51/53<br>S: 53-45-61 |                                   | E           |
| 613-282-00-0 | triticonazole (ISO);<br><i>(RS)</i> -( <i>E</i> )-5-(4-chlorobenzylidene)-2,2-dimethyl-1-(1 <i>H</i> -1,2,4-triazol-1-methyl)cyclopentanol | -         | 131983-72-7 | N; R51-53                                                                       | N<br>R: 51/53<br>S: 61                            |                                   |             |
| 613-283-00-6 | ketoconazole;<br>1-[4-[4-[[ <i>(2SR,4RS)</i> -2-(2,4-dichlorophenyl)-2-(imidazol-1-ylmethyl)-1,3-dioxolan-4-yl]methoxy]phenyl]piperazin-1- | 265-667-4 | 65277-42-1  | Repr. Cat. 2; R60<br>T; R25<br>Xn; R48/22                                       | T; N<br>R: 60-25-48/22-50/53<br>S: 53-45-60-61    |                                   | E           |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                              | EG-Nummer                          | CAS-Nummer                           | Einstufung                                        | Kennzeichnung                                         | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------|---------------------------------------------------|-------------------------------------------------------|-----------------------------------|-------------|
|              | yl]ethanone                                                                                                                                                                                                       |                                    |                                      | N; R50-53                                         |                                                       |                                   |             |
| 613-284-00-1 | metconazole (ISO);<br><br>(1 <i>RS</i> ,5 <i>RS</i> ;1 <i>RS</i> ,5 <i>SR</i> )-5-(4-chlorobenzyl)-2,2-dimethyl-1-(1 <i>H</i> -1,2,4-triazol-1-ylmethyl)cyclopentanol                                             | -                                  | 125116-23-6                          | Repr. Cat. 3; R63<br><br>Xn; R22<br><br>N; R51-53 | Xn; N<br><br>R: 22-63-51/53<br><br>S: (2-)36/37-46-61 |                                   |             |
| 613-285-00-7 | 1-hydroxybenzotriazole, anhydrous; [1]<br><br>1-hydroxybenzotriazole, monohydrated [2]                                                                                                                            | 219-989-7 [1]<br><br>219-989-7 [2] | 2592-95-2 [1]<br><br>123333-53-9 [2] | E; R2                                             | E<br><br>R: 2<br><br>S: 16-35                         |                                   |             |
| 613-286-00-2 | potassium 1-methyl-3-morpholinocarbonyl-4-[3-(1-methyl-3-morpholinocarbonyl-5-oxo-2-pyrazolin-4-ylidene)-1-propenyl]pyrazole-5-olate;<br><br>[containing < 0.5 % <i>N,N</i> -dimethylformamide (EC no 200-679-5)] | 418-260-2                          | 183196-57-8                          | R43                                               | Xi<br><br>R: 43<br><br>S: (2-)24-37                   |                                   |             |
| 613-286-01-X | potassium 1-methyl-3-morpholinocarbonyl-4-[3-(1-methyl-3-morpholinocarbonyl-5-oxo-2-pyrazolin-4-ylidene)-1-propenyl]pyrazole-5-olate;<br><br>[containing ≥ 0.5 % <i>N,N</i> -dimethylformamide (EC No 200-679-5)] | 418-260-2                          | 183196-57-8                          | Repr. Cat. 2; R61<br><br>R43                      | T<br><br>R: 61-43<br><br>S: 53-45                     |                                   |             |
| 613-287-00-8 | 1-(3-iodo-4-aminobenzyl)-1 <i>H</i> -                                                                                                                                                                             | 419-540-7                          | 160194-26-3                          | Xn; R22                                           | Xn; N                                                 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                  | EG-Nummer | CAS-Nummer  | Einstufung                   | Kennzeichnung                                       | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------------------|-----------|-------------|------------------------------|-----------------------------------------------------|-----------------------------------|-------------|
|              | 1,2,4-triazole                                                                                        |           |             | R43<br>N; R51-53             | R: 22-43-51/53<br>S: (2-)24-37-61                   |                                   |             |
| 613-288-00-3 | 1,3-bis(dimethylcarbamoyl)-imidazolium chloride                                                       | 420-930-4 | 135756-61-5 | Xn; R22<br>Xi; R41<br>R52-53 | Xn<br>R: 22-41-52/53<br>S: (2-)22-26-37/39-61       |                                   |             |
| 613-289-00-9 | 3-(4-chloro-2-fluoro-5-methylphenyl)-1-methyl-5-(trifluoromethyl)-1H-pyrazole                         | 432-020-4 | 142623-48-1 | N; R50-53                    | N<br>R: 50/53<br>S: 60-61                           |                                   |             |
| 613-290-00-4 | 4-hydroxy-7-(2-aminoethyl)-1,3-benzothiazol-2(3H)-one hydrochloride                                   | 432-470-1 | 189012-93-9 | Xi; R41<br>R43<br>N; R50-53  | Xi; N<br>R: 41-43-50/53<br>S: (2-)24-26-37/39-60-61 |                                   |             |
| 613-291-00-X | 2,4-dihydro-4-(4-(4-(4-hydroxyphenyl)-1-piperazinyl)phenyl)-2-(1-methylpropyl)-3H-1,2,4-triazol-3-one | 434-820-9 | 106461-41-0 | Xn; R48/22<br>N; R50-53      | Xn; N<br>R: 48/22-50/53<br>S: (2-)22-36-60-61       |                                   |             |
| 613-292-00-5 | N,N',N''-tris(2-methyl-2,3-epoxypropyl)-perhydro-2,4,6-oxo-1,3,5-triazine                             | 435-010-8 | 26157-73-3  | Muta. Cat. 3; R68<br>R52-53  | Xn<br>R: 68-52/53                                   |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                       | EG-Nummer | CAS-Nummer  | Einstufung                   | Kennzeichnung                              | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|------------------------------|--------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                                                                                                            |           |             |                              | S: (2-)36/37-61                            |                                   |             |
| 613-293-00-0 | 2-(4- <i>tert</i> -butylphenyl)-6-cyano-5-[bis(ethoxycarbonylmethyl)carbamoyloxy]-1 <i>H</i> -pyrrolo[1,2- <i>b</i> ][1,2,4] triazole-7-carboxylic acid 2,6-di- <i>tert</i> -butyl-4-methylcyclohexylester | 448-050-6 | 444065-11-6 | R53                          | R: 53<br>S: 61                             |                                   |             |
| 613-294-00-6 | 2-hexyldecanoic acid [4-(6- <i>tert</i> -butyl-7-chloro-1 <i>H</i> -pyrazolo[1,5- <i>b</i> ][1,2,4]triazol-2-yl)phenylcarbamoyl]methylester                                                                | 448-260-8 | 379268-96-9 | R53                          | R: 53<br>S: 61                             |                                   |             |
| 613-295-00-1 | 11-amino-3-chloro-6,11-dihydro-5,5-dioxo-6-methyl-dibenzo[ <i>c,f</i> ][1,2]thiazepine hydrochloride                                                                                                       | 448-720-8 | 363138-44-7 | Xn; R22<br>Xi; R41<br>R52-53 | Xn<br>R: 22-41-52/53<br>S: (2-)22-26-39-61 |                                   |             |
| 613-296-00-7 | pentapotassium 2-(4-(5-[1-(2,5-disulfonatophenyl)-4,5-dihydro-3-methylcarbamoyl-5-oxopyrazol-4-ylidene]-3-methyl-1,3-pentadienyl)-3-methylcarbamoyl-5-oxidopyrazol-1-yl)benzene-1,4-disulfonate            | 418-270-7 | -           | R43<br>R52-53                | Xi<br>R: 43-52/53<br>S: (2-)24-37-47-61    |                                   |             |
| 613-297-00-2 | 5-(2-bromophenyl)-2- <i>tert</i> -butyl-2 <i>H</i> -tetrazole                                                                                                                                              | 420-820-6 | -           | R10<br>Xn; R22<br>N; R51-53  | Xn; N<br>R: 10-22-51/53<br>S: (2-)16-61    |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | EG-Nummer | CAS-Nummer | Einstufung                                 | Kennzeichnung                                               | Spezifische Konzentrationsgrenzen | Anmerkungen |
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| 613-298-00-8 | bis-(6-hydroxy-4-methyl-5-(3-methylimidazolium-1-yl)-3-(4-phenylazo)-1 <i>H</i> -pyridin-2-one)ethylene dilactate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 421-560-6 | -          | Xn; R48/22<br><br>Xi; R41<br><br>N; R51-53 | Xn; N<br><br>R: 41-48/22-51/53<br><br>S: (2-)22-26-36/39-61 |                                   |             |
| 613-299-00-3 | <p>main component 1 (isomer 1): 2-{6-fluoro-4-[3-(2,5-disulfo-phenylazo)-4-hydroxy-2-sulfonaphth-7-ylamino]-1,3,5-triazin-2-ylamino}-3-{6-fluoro-4-[3-(1,5-disulfonaphth-2-ylazo)-4-hydroxy-2-sulfonaphth-7-ylamino]-1,3,5-triazin-2-ylamino}-propane sodium salt;</p> <p>main component 1 (isomer 2): 2-{6-fluoro-4-[3-(2,5-disulfo-phenylazo)-4-hydroxy-2-sulfonaphth-7-ylamino]-1,3,5-triazin-2-ylamino}-3-{6-fluoro-4-[3-(2,5-disulfo-phenylazo)-4-hydroxy-2-sulfonaphth-7-ylamino]-1,3,5-triazin-2-ylamino}-propane sodium salt;</p> <p>main component 2: 2,3-bis-{6-fluoro-4-[3-(2,5-disulfo-phenylazo)-4-hydroxy-2-sulfonaphth-7-ylamino]-1,3,5-triazin-2-ylamino}-propane sodium salt;</p> <p>main component 3: 2,3-bis-{6-fluoro-4-[3-(1,5-disulfonaphth-2-ylazo)-4-hydroxy-2-sulfonaphth-7-ylamino]-1,3,5-triazin-2-ylamino}-propane sodium salt</p> | 422-610-1 | -          | Xi; R41                                    | Xi<br><br>R: 41<br><br>S: (2-)22-26-39                      |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                          | EG-Nummer | CAS-Nummer  | Einstufung             | Kennzeichnung                             | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|------------------------|-------------------------------------------|-----------------------------------|-------------|
| 613-300-00-7 | 1-imidazol-1-yl-octadecan-2-ol                                                                                                                                                                | 434-120-3 | -           | R43<br>R53             | Xi<br><br>R: 43-53<br><br>S: (2-)24-37-61 |                                   |             |
| 613-301-00-2 | dimethyl-1-{{[2-methoxy-5-(2-methyl-butoxycarbonyl)phenylcarbonyl]-[2-octadecyl-1,1-dioxo-1,2,4-benzothiadiazin-3-yl]methyl}imidazole-4,5-dicarboxylate                                       | 443-910-7 | -           | R53                    | <br>R: 53<br><br>S: 61                    |                                   |             |
| 613-302-00-8 | disodium 2-(5-carbamoyl-1-ethyl-2-hydroxy-4-methyl-6-oxo-1,6-dihydro-pyridine-3-ylazo)-4-(4-fluoro-6-(4-(2-sulfonyloxy-ethylsulfonyl)-phenylamino)-1,3,5-triazine-2-ylamino)benzene sulfonate | 432-980-4 | 243858-60-8 | Xi; R41                | Xi<br><br>R: 41<br><br>S: (2-)22-26-39    |                                   |             |
| 613-303-00-3 | 2-(1-methyl-2-(4-phenoxyphenoxy)ethoxy)pyridine                                                                                                                                               | 429-800-1 | 95737-68-1  | N; R50-53              | N<br><br>R: 50/53<br><br>S: 60-61         |                                   |             |
| 613-304-00-9 | 5,6-dihydroxy-2,3-dihydro-1 <i>H</i> -indolium bromide                                                                                                                                        | 421-170-6 | 138937-28-7 | Xn; R22<br><br>Xi; R41 | Xn<br><br>R: 22-41<br><br>S: (2-)22-26-39 |                                   |             |
| 613-305-00-4 | 2-(2-hydroxy-4-octyloxyphenyl)-2 <i>H</i> -benzotriazole                                                                                                                                      | 448-630-9 | 3147-77-1   | R53                    | <br>R: 53<br><br>S: 61                    |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                           | EG-Nummer | CAS-Nummer  | Einstufung                                 | Kennzeichnung                                               | Spezifische Konzentrationsgrenzen                                                                                 | Anmerkungen |
|--------------|--------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------|
| 613-306-00-X | (2,5-dioxopyrrolidin-1-yl)-9H-fluoren-9-ylmethyl carbonate                                                                     | 433-520-5 | 82911-69-1  | Xn; R22<br><br>R43<br><br>N; R51-53        | Xn; N<br><br>R: 22-43-51/53<br><br>S: (2-)24-37-61          |                                                                                                                   |             |
| 613-307-00-5 | clothianidin (ISO);<br><br>3-[(2-chloro-1,3-thiazol-5-yl)methyl]-2-methyl-1-nitroguanidine                                     | -         | 210880-92-5 | Xn; R22<br><br>N; R50-53                   | Xn; N<br><br>R: 22-50/53<br><br>S: (2-)46-60-61             | N; R50-53: $C \geq 2,5 \%$<br><br>N; R51-53: $0,25 \% \leq C < 2,5 \%$<br><br>R52-53: $0,025 \% \leq C < 0,25 \%$ |             |
| 613-308-00-0 | 2-amino-5-methylthiazole                                                                                                       | 423-800-5 | 7305-71-7   | Xn; R22-48/22<br><br>N; R50-53             | Xn; N<br><br>R: 22-48/22-50/53<br><br>S: (2-)22-36-60-61    |                                                                                                                   |             |
| 613-309-00-6 | 1-methyl-3-phenyl-1-piperazine                                                                                                 | 431-180-2 | 5271-27-2   | Xn; R21/22<br><br>Xi; R38-41<br><br>R52-53 | Xn<br><br>R: 21/22-38-41-52/53<br><br>S: (2-)26-36/37/39-61 |                                                                                                                   |             |
| 613-310-00-1 | (-)(3 <i>S</i> ,4 <i>R</i> )-4-(4-fluorophenyl)-3-(3,4-methylenedioxyphenoxy-methyl)- <i>N</i> -benzylpiperidine hydrochloride | 432-360-3 | 105813-13-6 | Xn; R22<br><br>R43<br><br>N; R50-53        | Xn; N<br><br>R: 22-43-50/53<br><br>S: (2-)22-24-37-60-61    |                                                                                                                   |             |
| 613-311-00-7 | methyl-5-nitrophenyl-guanidine                                                                                                 | 435-500-1 | 152460-07-6 | Xn; R22                                    | Xn                                                          |                                                                                                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                            | EG-Nummer | CAS-Nummer  | Einstufung                                      | Kennzeichnung                                               | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------------------------------------|-------------------------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                                                                                                 |           |             | Xi; R36<br><br>R43<br><br>R52-53                | R: 22-36-43-52/53<br><br>S: (2-)22-24-26-37-61              |                                   |             |
| 613-312-00-2 | 2-(4-methyl-2-phenyl-1-piperazinyl)benzenemethanol monohydrochloride                                                                                                                            | 420-200-5 | -           | Xn; R22<br><br>Xi; R41<br><br>R43<br><br>R52-53 | Xn<br><br>R: 22-41-43-52/53<br><br>S: (2-)22-26-36/37/39-61 |                                   |             |
| 613-313-00-8 | 2-(4-(4-(3-pyridinyl)-1H-imidazol-1-yl)butyl)-1H-isoindole-1,3(2H)-dione                                                                                                                        | 442-780-9 | 173838-67-0 | R52-53                                          | R: 52/53<br><br>S: 61                                       |                                   |             |
| 613-314-00-3 | 4-decyloxazolidin-2-one;<br><br>4-decyl-1,3-oxazolidin-2-one                                                                                                                                    | 443-770-7 | 7693-82-5   | N; R50-53                                       | N<br><br>R: 50/53<br><br>S: 22-24-60-61                     |                                   |             |
| 613-315-00-9 | tetrapotassium 4-[5-[3-carboxylato-4,5-dihydro-5-oxo-1-(4-sulfonatophenyl)pyrazol-4-ylidene]-3-(piperidinocarbonyl)penta-1,3-dienylidene]-5-hydroxy-1-(4-sulfonatophenyl)pyrazole-3-carboxylate | 430-390-1 | -           | Xn; R20<br><br>R52-53                           | Xn<br><br>R: 20-52/53<br><br>S: (2-)25-61                   |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                      | EG-Nummer | CAS-Nummer  | Einstufung                                  | Kennzeichnung                                  | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|---------------------------------------------|------------------------------------------------|-----------------------------------|-------------|
| 613-316-00-4 | trimethylpropane tri(3-aziridinylpropanoate); (TAZ)                                                                                                                                                       | 257-765-0 | 52234-82-9  | Muta. Cat. 3; R68<br><br>Xi; R41<br><br>R43 | Xn<br><br>R: 41-43-68<br><br>S: 26-36/37/39-42 |                                   | H           |
| 615-033-00-1 | reaction product of diphenylmethanediisocyanate, octylamine, oleylamine and cyclohexylamine (1:1.58:0.32:0.097)                                                                                           | 430-980-9 | -           | R53                                         | R: 53<br><br>S: 61                             |                                   |             |
| 615-034-00-7 | reaction product of diphenylmethanediisocyanate, octylamine, 4-ethoxyaniline and ethylenediamine (1:0,37:1,53:0,05)                                                                                       | 430-750-8 | -           | R53                                         | R: 53<br><br>S: 61                             |                                   |             |
| 615-035-00-2 | reaction product of diphenylmethanediisocyanate, octylamine and oleylamine (molar ratio 1:1.86:0.14)                                                                                                      | 430-930-6 | 122886-55-9 | R53                                         | R: 53<br><br>S: 61                             |                                   |             |
| 615-036-00-8 | reaction product of diphenylmethanediisocyanate, toluenediisocyanate ( reaction mass of isomers: 65 % 2,4- and 35 % 2,6-diisocyanate), octylamine, oleylamine and 4-ethoxyaniline (molar ratio 4:1:7:1:2) | 430-940-0 | -           | R53                                         | R: 53<br><br>S: 61                             |                                   |             |
| 615-037-00-3 | reaction product of diphenylmethanediisocyanate, toluenediisocyanate ( reaction mass of isomers: 65 % 2,4- and                                                                                            | 430-950-5 | -           | R53                                         | R: 53                                          |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                  | EG-Nummer | CAS-Nummer  | Einstufung                                                              | Kennzeichnung                                                                      | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------------------------------|-------------|
|              | 35 % 2,6-diisocyanate), octylamine and oleylamine (molar ratio 4:1:9:1)                                                                                                                                               |           |             |                                                                         | S: 61                                                                              |                                   |             |
| 615-038-00-9 | reaction product of toluenediisocyanate ( reaction mass of isomers: 65 % 2,4- and 35 % 2,6-diisocyanate) and aniline (molarratio 1:2)                                                                                 | 430-960-1 | -           | R53                                                                     | R: 53<br>S: 61                                                                     |                                   |             |
| 615-039-00-4 | reaction product of diphenylmethanediisocyanate, toluenediisocyanate ( reaction mass of isomers: 65 % 2,4- and 35 % 2,6-diisocyanate), octylamine, oleylamine and 4-ethoxyaniline (molar ratio 3.88:1:6.38:0.47:2.91) | 430-970-4 | -           | R53                                                                     | R: 53<br>S: 61                                                                     |                                   |             |
| 615-044-00-1 | 4-chlorophenylisocyanate                                                                                                                                                                                              | 203-176-9 | 104-12-1    | T+; R26<br><br>Xn; R22<br><br>Xi; R37/38-41<br><br>R42<br><br>N; R50-53 | T+; N<br><br>R: 22-26-37/38-41-42-50/53<br><br>S: (1/2-)26-28-36/37/39-45-63-60-61 |                                   |             |
| 615-045-00-7 | 4,4'-methylene bis(3-chloro-2,6-di-ethylphenylisocyanate)                                                                                                                                                             | 420-530-1 | -           | R42/43<br><br>R53                                                       | Xn<br><br>R: 42/43-53<br><br>S: (2-)23-24-37-45-61                                 |                                   |             |
| 616-107-00-6 | cinidon ethyl (ISO);<br><br>ethyl (Z)-2-chloro-3-[2-chloro-5-                                                                                                                                                         | -         | 142891-20-1 | Carc. Cat. 3; R40                                                       | Xn; N                                                                              |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                         | EG-Nummer | CAS-Nummer  | Einstufung                      | Kennzeichnung                                  | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|---------------------------------|------------------------------------------------|-----------------------------------|-------------|
|              | (cyclohex-1-ene-1,2-dicarboximido)phenyl]acrylate                                                                            |           |             | R43<br>N; R50-53                | R: 40-43-50/53<br>S: (2-)24-37-46-60-61        |                                   |             |
| 616-122-00-8 | methyl neodecanamide                                                                                                         | 414-460-9 | 105726-67-8 | Xn; R22                         | Xn<br>R: 22<br>S: (2-)                         |                                   |             |
| 616-126-00-X | 1-methyl-4-nitro-3-propyl-1H-pyrazole-5-carboxamide                                                                          | 423-960-6 | 139756-01-7 | Xn; R22-48/22<br>R52-53         | Xn<br>R: 22-48/22-52/53<br>S: (2-)22-36/37-61  |                                   |             |
| 616-131-00-7 | 1-aminocyclopentanecarboxamide                                                                                               | 422-950-9 | 17193-28-1  | T; R48/25<br>Xn; R22<br>Xi; R41 | T<br>R: 22-41-48/25<br>S: (1/2-)22-26-36/39-45 |                                   |             |
| 616-136-00-4 | reaction product of cocoalkyldiethanolamides and cocoalkylmonoglycerides and molybdenumtrioxide (1.75-2.2: 0.75-1.0:0.1-1.1) | 430-380-7 | -           | N; R51-53                       | N<br>R: 51/53<br>S: 61                         |                                   |             |
| 616-137-00-X | 4-dichloroacetyl-1-oxa-4-azaspiro[4.5]decane                                                                                 | 401-130-4 | 71526-07-3  | R43<br>N; R51-53                | Xi; N<br>R: 43-51/53<br>S: (2-)24-37-61        |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                      | EG-Nummer | CAS-Nummer  | Einstufung                           | Kennzeichnung                                            | Spezifische Konzentrationsgrenzen                                                                  | Anmerkungen |
|--------------|---------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------|
| 616-138-00-5 | benzoic acid, <i>N</i> - <i>tert</i> -butyl- <i>N'</i> -(4-chlorobenzoyl)hydrazide                                        | 431-600-4 | 112226-61-6 | R43<br><br>N; R51-53                 | Xi; N<br><br>R: 43-51/53<br><br>S: (2-)24-37-61          |                                                                                                    |             |
| 616-139-00-0 | (3 <i>S</i> ,4 <i>aS</i> ,8 <i>aS</i> )- <i>N</i> - <i>tert</i> -butyldecahydro-3-isoquinolinecarboxamide                 | 420-380-5 | 136465-81-1 | Xn; R22<br><br>Xi; R41<br><br>R52-53 | Xn<br><br>R: 22-41-52/53<br><br>S: (2-)22-26-39-61       |                                                                                                    |             |
| 616-140-00-6 | <i>N,N'</i> -(methylenedi-4,1-phenylene)bis[ <i>N'</i> -(4-methylphenyl)urea]                                             | 429-380-1 | 133336-92-2 | R43<br><br>R53                       | Xi<br><br>R: 43-53<br><br>S: (2-)24-37-61                |                                                                                                    |             |
| 616-141-00-1 | zoxamide (ISO);<br><br>( <i>RS</i> )-3,5-dichloro- <i>N</i> -(3-chloro-1-ethyl-1-methyl-2-oxopropyl)- <i>p</i> -toluamide | -         | 156052-68-5 | R43<br><br>N; R50-53                 | Xi; N<br><br>R: 43-50/53<br><br>S: (2-)24-37-46-60-61    | N; R50-53: C ≥ 2,5 %<br><br>N; R51-53: 0,25 % ≤ C < 2,5 %<br><br>R52-53: 0,025 % ≤ C < 0,25 %      |             |
| 616-144-00-8 | 3,4-dichloro- <i>N</i> -[5-chloro-4-[2-[4-dodecyloxyphenylsulfonyl]butyramido]-2-hydroxyphenyl]benzamide                  | 431-130-1 | -           | R53                                  | R: 53<br><br>S: 61                                       |                                                                                                    |             |
| 616-145-00-3 | pethoxamide (ISO);<br><br>2-chloro- <i>N</i> -(2-ethoxyethyl)- <i>N</i> -(2-methyl-1-phenylprop-1-enyl)acetamide          | -         | 106700-29-2 | Xn; R22<br><br>R43<br><br>N; R50-53  | Xn; N<br><br>R: 22-43-50/53<br><br>S: (2-)24-37-46-60-61 | N; R50-53: C ≥ 0,25 %<br><br>N; R51-53: 0,025 % ≤ C < 0,25 %<br><br>R52-53: 0,0025 % ≤ C < 0,025 % |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                               | EG-Nummer | CAS-Nummer  | Einstufung                                                     | Kennzeichnung                                             | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------|-------------|
| 616-146-00-9 | <i>N</i> -(2-methoxy-5-octadecanoylamino-phenyl)-2-(3-benzyl-2,5-dioxoimidazolidin-1-yl)-4,4-dimethyl-3-oxopentanoic acidamide     | 431-330-7 | 142776-95-2 | R53                                                            | R: 53<br>S: 22-61                                         |                                   |             |
| 616-147-00-4 | 1-methyl-4-(2-methyl-2 <i>H</i> -tetrazol-5-yl)-1 <i>H</i> -pyrazole-5-sulfonamide                                                 | 424-160-1 | 139481-22-4 | Xn; R22<br>R52-53                                              | Xn<br>R: 22-52/53<br>S: (2-)61                            |                                   |             |
| 616-148-00-X | <i>N</i> -[6,9-dihydro-9-[[2-hydroxy-1-(hydroxymethyl)ethoxy]methyl]-6-oxo-1 <i>H</i> -purin-2-yl]acetamide                        | 424-550-1 | 84245-12-5  | Carc. Cat. 2; R45<br>Muta. Cat. 2; R46<br>Repr. Cat. 2; R60-61 | T<br>R: 45-46-60-61<br>S: 53-45                           |                                   |             |
| 616-150-00-0 | (2 <i>R</i> ,3 <i>S</i> )- <i>N</i> -(3-amino-2-hydroxy-4-phenylbutyl)- <i>N</i> -isobutyl-4-nitrobenzenesulfonamide hydrochloride | 425-260-6 | -           | Xn; R48/22<br>Xi; R41<br>R43<br>N; R51-53                      | Xn; N<br>R: 41-43-48/22-51/53<br>S: (2-)22-26-36/37/39-61 |                                   |             |
| 616-151-00-6 | <i>N</i> -(2-amino-4,6-dichloropyrimidin-5-yl)formamide                                                                            | 425-650-6 | 171887-03-9 | Xn; R22<br>Xi; R41<br>R43                                      | Xn<br>R: 22-41-43-52/53<br>S: (2-)24-26-37/39-61          |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                       | EG-Nummer | CAS-Nummer  | Einstufung         | Kennzeichnung                              | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------|--------------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                                            |           |             | R52-53             |                                            |                                   |             |
| 616-152-00-1 | 4-(4-fluorophenyl)-2-(2-methyl-1-oxopropyl)-4-oxo-3, <i>N</i> -diphenylbutanamide                                                          | 425-850-3 | 125971-96-2 | R53                | R: 53<br>S: 61                             |                                   |             |
| 616-153-00-7 | 4-methyl-3-oxo- <i>N</i> -phenyl-2-(phenylmethylene)pentanamide                                                                            | 425-860-8 | 125971-57-5 | R43<br>N; R51-53   | Xi; N<br>R: 43-51/53<br>S: (2-)22-24-37-61 |                                   |             |
| 616-154-00-2 | 3,4-dichloro- <i>N</i> -[5-chloro-4-[2-[4-(hexadecyloxy)phenylsulfonyl]butyramido]-2-hydroxyphenyl]benzamide                               | 431-110-0 | -           | R53                | R: 53<br>S: 61                             |                                   |             |
| 616-155-00-8 | <i>N,N,N',N'</i> -tetracyclohexyl-1,3-benzenedicarboxamide                                                                                 | 431-040-0 | 104560-40-9 | N; R50-53          | N<br>R: 50/53<br>S: 60-61                  |                                   |             |
| 616-156-00-3 | 6-(2-chloro-6-cyano-4-nitrophenylazo)-4-methoxy-3-[ <i>N</i> -(methoxycarbonylmethyl)- <i>N</i> -(1-methoxycarbonylethyl)amino]acetanilide | 430-500-8 | 204277-61-2 | R53                | R: 53<br>S: 61                             |                                   |             |
| 616-157-00-9 | 3-amino-4-hydroxy- <i>N</i> -(3-isopropoxypropyl)benzenesulfonamide hydrochloride                                                          | 427-780-9 | 114565-70-7 | Xn; R22<br>Xi; R41 | Xn; N<br>R: 22-41-50/53                    |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                            | EG-Nummer | CAS-Nummer  | Einstufung                             | Kennzeichnung                              | Spezifische Konzentrationsgrenzen                               | Anmerkungen |
|--------------|-----------------------------------------------------------------------------------------------------------------|-----------|-------------|----------------------------------------|--------------------------------------------|-----------------------------------------------------------------|-------------|
|              |                                                                                                                 |           |             | N; R50-53                              | S: (2-)26-39-60-61                         |                                                                 |             |
| 616-158-00-4 | <i>N</i> -[4-cyano-3-trifluoromethylphenyl]methacrylamide                                                       | 427-880-2 | 90357-53-2  | Xn; R48/22<br>N; R51-53                | Xn; N<br>R: 48/22-51/53<br>S: (2-)36-61    |                                                                 |             |
| 616-160-00-5 | 2,2'-azobis[ <i>N</i> -(2-hydroxyethyl)-2-methylpropionamide]                                                   | 429-090-3 | 61551-69-7  | R43<br>R52-53                          | Xi<br>R: 43-52/53<br>S: (2-)12-15-24-37-61 |                                                                 |             |
| 616-161-00-0 | 2,4-dichloro-5-hydroxyacetanilide                                                                               | 429-110-0 | 67669-19-6  | R52-53                                 | R: 52/53<br>S: 61                          |                                                                 |             |
| 616-162-00-6 | isostearic acid<br>monoisopropanolamide                                                                         | 431-540-9 | -           | Xi; R38<br>N; R51-53                   | Xi; N<br>R: 38-51/53<br>S: (2-)37-61       |                                                                 |             |
| 616-163-00-1 | 4,4'-methylenebis[ <i>N</i> -(4-chlorophenyl)-3-hydroxynaphthalene-2-carboxamide]                               | 430-350-3 | 192463-88-0 | R53                                    | R: 53<br>S: 61                             |                                                                 |             |
| 616-164-00-7 | dimoxystrobin (ISO);<br><i>(E)</i> -2-(methoxyimino)- <i>N</i> -methyl-2-[ $\alpha$ -(2,5-xylyloxy)- <i>o</i> - | -         | 149961-52-4 | Carc. Cat. 3; R40<br>Repr. Cat. 3; R63 | Xn; N<br>R: 20-40-63-50/53                 | N; R50-53: C $\geq$ 2,5 %<br>N; R51-53: 0,25 % $\leq$ C < 2,5 % |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                            | EG-Nummer | CAS-Nummer  | Einstufung               | Kennzeichnung                             | Spezifische Konzentrationsgrenzen                                                                  | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------|-------------|
|              | toly]acetamide                                                                                                                                  |           |             | Xn; R20<br><br>N; R50-53 | S: (2-)36/37-46-60-61                     | R52-53: 0,025 % ≤ C < 0,25 %                                                                       |             |
| 616-165-00-2 | beflubutamid (ISO);<br><br>( <i>RS</i> )- <i>N</i> -benzyl-2-( $\alpha,\alpha,\alpha,4$ -tetrafluoro- <i>m</i> -toloxy)butyramide               | -         | 113614-08-7 | N; R50-53                | N<br><br>R: 50/53<br><br>S: 60-61         | N; R50-53: C ≥ 0,25 %<br><br>N; R51-53: 0,025 % ≤ C < 0,25 %<br><br>R52-53: 0,0025 % ≤ C < 0,025 % |             |
| 616-166-00-8 | cyazofamid (ISO);<br><br>4-chloro-2-cyano- <i>N,N</i> -dimethyl-5- <i>p</i> -tolylimidazole-1-sulfonamide                                       | -         | 120116-88-3 | N; R50-53                | N<br><br>R: 50/53<br><br>S: 60-61         | N; R50-53: C ≥ 2,5 %<br><br>N; R51-53: 0,25 % ≤ C < 2,5 %<br><br>R52-53: 0,025 % ≤ C < 0,25 %      |             |
| 616-167-00-3 | <i>N,N</i> -dibutyl-(2,5-dihydro-5-thioxo-1 <i>H</i> -tetrazol-1-yl)acetamide                                                                   | 418-290-6 | 168612-06-4 | Xi; R36<br><br>R43       | Xi<br><br>R: 36-43<br><br>S: (2-)24-26-37 |                                                                                                    |             |
| 616-168-00-9 | 1-dimethylcarbamoyl-4-(2-sulfonatoethyl)pyridinium                                                                                              | 418-440-0 | 136997-71-2 | R43                      | Xi<br><br>R: 43<br><br>S: (2-)22-24-37    |                                                                                                    |             |
| 616-169-00-4 | 4-[4-(2,2-dimethylpropanamido)]phenylazo-3-(2-chloro-5-(2-(3-pentadecylphenoxy)butylamido)anilino)-1-(2,4,6-trichlorophenyl)-2-pyrazoline-5-one | 420-220-4 | 92771-56-7  | R43<br><br>R53           | Xi<br><br>R: 43-53<br><br>S: (2-)24-37-61 |                                                                                                    |             |
| 616-170-00-X | (2 <i>R</i> )-2-amino-2-phenylacetamide                                                                                                         | 420-370-0 | 6485-67-2   | Xi; R36                  | Xi                                        |                                                                                                    |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                         | EG-Nummer | CAS-Nummer  | Einstufung         | Kennzeichnung                        | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------|--------------------------------------|-----------------------------------|-------------|
|              |                                                                                                                              |           |             | R43                | R: 36-43<br>S: (2-)22-26-36/37       |                                   |             |
| 616-171-00-5 | 2-(para-chlorophenyl)glycineamide                                                                                            | 420-830-0 | 102333-75-5 | Xi; R41<br>R43     | Xi<br>R: 41-43<br>S: (2-)24-26-37/39 |                                   |             |
| 616-172-00-0 | <i>N</i> -(2,2,6,6-tetramethyl-1-oxypiperidin-4-yl)acetamide;<br><br>(4-acetamido-2,2,6,6-tetramethyl-1-piperidinyl)oxidanyl | 423-840-3 | 14691-89-5  | Xn; R22            | Xn<br>R: 22<br>S: (2-)22             |                                   |             |
| 616-174-00-1 | 2-butyl-1,3-diazaspiro[4.4]non-1-en-4-one hydrochloride                                                                      | 424-560-4 | 151257-01-1 | Xn; R22<br>Xi; R36 | Xn<br>R: 22-36<br>S: (2-)22-26       |                                   |             |
| 616-175-00-7 | 2-(2-hexyldecyloxy)benzamide                                                                                                 | 431-230-3 | 202483-62-3 | R53                | R: 53<br>S: 61                       |                                   |             |
| 616-176-00-2 | 3- <i>N,N</i> -bis(methoxyethyl)aminoacetanilide                                                                             | 432-530-7 | 24294-01-7  | Xn; R22<br>R52-53  | Xn<br>R: 22-52/53<br>S: (2-)22-24-61 |                                   |             |
| 616-177-00-8 | (3-(4-(2-(butyl-(4-methylphenylsulfonyl)amino)phenylthio)-5-oxo-1-(2,4,6-trichlorophenyl)-4,5-dihydro-1 <i>H</i> -           | 432-970-1 | 217324-98-6 | R53                | R: 53                                |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                            | EG-Nummer | CAS-Nummer  | Einstufung                     | Kennzeichnung                                          | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|--------------------------------|--------------------------------------------------------|-----------------------------------|-------------|
|              | pyrazole-3-ylamino)-4-chlorophenyl]tetradecanamide;<br><br><i>N</i> -[3-( {4-[(2-{butyl[(4-methylphenyl)sulfonyl]amino}phenyl)thio]-5-oxo-1-(2,4,6-trichlorophenyl)-4,5-dihydro-1 <i>H</i> -pyrazol-3-yl} amino)-4-chlorophenyl]tetradecanamide |           |             |                                | S: 61                                                  |                                   |             |
| 616-178-00-3 | <i>N</i> -(5-(bis(2-methoxyethyl)amino)-2-((2-cyano-4,6-dinitrophenyl)-azo)phenyl)acetamide                                                                                                                                                     | 434-500-9 | 52583-35-4  | R53                            | R: 53<br>S: 22-61                                      |                                   |             |
| 616-179-00-9 | 2-chloro- <i>N</i> -(4-methylphenyl)acetamide                                                                                                                                                                                                   | 435-170-9 | 16634-82-5  | Xi; R41<br>R43<br>N; R50-53    | Xi; N<br>R: 41-43-50/53<br>S: (2-)22-26-36/37/39-60-61 |                                   |             |
| 616-180-00-4 | <i>N,N</i> -(dimethylamino)thioacetamide hydrochloride                                                                                                                                                                                          | 435-470-1 | 27366-72-9  | Repr. Cat. 2; R61<br>N; R50-53 | T; N<br>R: 61-50/53<br>S: 53-45-60-61                  |                                   |             |
| 616-181-00-X | 4'-methyldodecane-1-sulfonanilide                                                                                                                                                                                                               | 435-490-9 | 17417-32-2  | N; R50-53                      | N<br>R: 50/53<br>S: 60-61                              |                                   |             |
| 616-182-00-5 | <i>N'</i> -(1,3-dimethylbutylidene)-3-hydroxy-2-naphthohydrazide                                                                                                                                                                                | 435-860-1 | 214417-91-1 | R43<br>N; R51-53               | Xi; N<br>R: 43-51/53                                   |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                | EG-Nummer | CAS-Nummer  | Einstufung | Kennzeichnung                     | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              |                                                                                                                                     |           |             |            | S: (2-)24-37-61                   |                                   |             |
| 616-183-00-0 | <i>N</i> -dodecyl-4-methoxybenzamide                                                                                                | 442-340-6 | 1854-15-5   | R53        | R: 53<br>S: 61                    |                                   |             |
| 616-184-00-6 | 3-methyl- <i>N</i> -(5,8,13,14-tetrahydro-5,8,14-trioxonaphth[2,3- <i>c</i> ]acridin-6-yl)benzamide                                 | 442-560-2 | 105043-55-8 | R53        | R: 53<br>S: 61                    |                                   |             |
| 616-186-00-7 | <i>N,N'</i> -(2-chloro-1,4-phenylene)bis(3-oxobutaneamide)                                                                          | 443-010-4 | 53641-10-4  | R52-53     | R: 52/53<br>S: 61                 |                                   |             |
| 616-188-00-8 | 2-(5,5-dimethyl-2,4-dioxooxazolidin-3-yl)-4,4-dimethyl-3-oxo- <i>N</i> -(2-methoxy-5-octadecanoylamino-phenyl)pentanoic acid amide  | 443-980-9 | 221215-20-9 | R43<br>R53 | Xi<br>R: 43-53<br>S: (2-)24-37-61 |                                   |             |
| 616-189-00-3 | <i>N</i> -[5-(bis-(2-methoxy-ethyl)-amino)-2-(6-bromo-2-methyl-1,3-dioxo-2,3-dihydro-1 <i>H</i> -isoindol-5-ylazo)-phenyl]acetamide | 444-780-4 | 452962-97-9 | R53        | R: 53<br>S: 61                    |                                   |             |
| 616-190-00-9 | <i>N</i> -decyl-4-nitrobenzamide                                                                                                    | 445-880-0 | 64026-19-3  | R53        | R: 53<br>S: 61                    |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                 | EG-Nummer | CAS-Nummer  | Einstufung                                            | Kennzeichnung                                               | Spezifische Konzentrationsgrenzen | Anmerkungen |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|-------------------------------------------------------|-------------------------------------------------------------|-----------------------------------|-------------|
| 616-191-00-4 | 2-ethyl- <i>N</i> -methyl- <i>N</i> -(3-methylphenyl)butanamide                                                                                                      | 446-190-2 | 406488-30-0 | Xn; R22<br><br>Xi; R36/38<br><br>R43<br><br>N; R51-53 | Xn; N<br><br>R: 22-36/38-43-51/53<br><br>S: (2-)24-26-37-61 |                                   |             |
| 616-192-00-X | 2-[2-(3-butoxypropyl)-1,1-dioxo-1,2,4-benzothiadiazin-3-yl]-5'- <i>tert</i> -butyl-2-(5,5-dimethyl-2,4-dioxo-1,3-oxazolidin-3-yl)-2'-[(2-ethylhexyl)thio]acetanilide | 448-060-0 | 727678-39-9 | R53                                                   | R: 53<br><br>S: 61                                          |                                   |             |
| 616-193-00-5 | <i>N</i> -[2-(2-butyl-4,6-dicyano-1,3-dioxo-2,3-dihydro-1 <i>H</i> -isoindol-5-ylazo)-5-diethylamino-phenyl]acetamide                                                | 449-940-7 | 368450-39-9 | R53                                                   | R: 53<br><br>S: 61                                          |                                   |             |
| 616-194-00-0 | 2,2-diethoxy- <i>N,N</i> -dimethylacetamide                                                                                                                          | 449-950-1 | 34640-92-1  | Xi; R36                                               | Xi<br><br>R: 36<br><br>S: (2-)26                            |                                   |             |
| 616-196-00-1 | disodium salt of 1-hydroxy-4-(β-(4-(1-hydroxy-3,6-disulfo-8-acetylamino-2-naphthylazo)phenoxy)ethoxy)- <i>N</i> -dodecyl-2-naphthamide                               | 419-990-4 | -           | N; R50-53                                             | N<br><br>R: 50/53<br><br>S: 60-61                           |                                   |             |
| 616-197-00-7 | reaction mass of: potassium <i>N</i> -[3-(dimethyloxidoamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctane                                             | 422-500-1 | -           | Xn; R48/22                                            | Xn<br><br>R: 48/22                                          |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                           | EG-Nummer | CAS-Nummer  | Einstufung                              | Kennzeichnung                                | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              | sulfonamide;<br><br><i>N</i> -[3-(dimethyloxidoamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane sulfonamide                                                                                                                                               |           |             |                                         | S: (2-)22-36                                 |                                   |             |
| 616-198-00-2 | 1,3-bis[12-hydroxy-octadecamide- <i>N</i> -methylene]-benzene                                                                                                                                                                                                                  | 423-300-7 | -           | R43<br><br>R53                          | Xi<br><br>R: 43-53<br><br>S: (2-)24-37-61    |                                   |             |
| 616-200-00-1 | reaction mass of: <i>N,N'</i> -ethane-1,2-diylbis(hexanamide);<br><br>12-hydroxy- <i>N</i> -[2-[(1-oxyhexyl)amino]ethyl]octadecanamide;<br><br><i>N,N'</i> -ethane-1,2-diylbis(12-hydroxyoctadecanamide)                                                                       | 432-430-3 | -           | R43<br><br>R53                          | Xi<br><br>R: 43-53<br><br>S: (2-)24-37-61    |                                   |             |
| 616-201-00-7 | 12-hydroxyoctadecanoic acid, reaction products with 1,3-benzenedimethanamine and hexamethylenediamine                                                                                                                                                                          | 432-840-2 | 220926-97-6 | Xn; R20<br><br>R53                      | Xn<br><br>R: 20-53<br><br>S: (2-)22-61       |                                   |             |
| 616-202-00-2 | reaction mass of: 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[ <i>N</i> -(2,4-dimethylphenyl)]-3-oxo-butanamide;<br><br>2-[[3,3'-dichloro-4'-[[1[[[(2,4-dimethylphenyl)amino]carbonyl]-2-oxopropyl]azo][1,1'-biphenyl]-4-yl]azo]- <i>N</i> -(2-methylphenyl)-3- | 434-330-5 | -           | Carc. Cat. 3; R40<br><br>R43<br><br>R53 | Xn<br><br>R: 40-43-53<br><br>S: (2-)36/37-61 |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung                                                                                                                                                                                                                                               | EG-Nummer | CAS-Nummer  | Einstufung                                                  | Kennzeichnung                                                    | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              | oxo-butanamide;<br><br>2-[[[3,3'-dichloro-4'-[[[[(2,4-dimethylphenyl)amino]carbonyl]-2-oxopropyl]azo][1,1'-biphenyl]-4-yl]azo]-N-(2-carboxylphenyl)-3-oxo-butanamide                                                                                                               |           |             |                                                             |                                                                  |                                   |             |
| 616-203-00-8 | reaction mass of: <i>N</i> -[5-[bis-(2-methoxyethyl)amino]-2-(2-butyl-4,6-dicyano-1,3-dioxo-2,3-dihydro-1 <i>H</i> -isoindol-5-yl-azo)phenyl]acetamide;<br><br><i>N</i> -[2-(2-butyl-4,6-dicyano-1,3-dioxo-2,3-dihydro-1 <i>H</i> -isoindol-5-ylazo)5-diethylaminophenyl]acetamide | 442-280-0 | -           | R53                                                         | R: 53<br><br>S: 61                                               |                                   |             |
| 616-204-00-3 | <i>N,N''</i> -(methylenedi-4,1-phenylene)bis[ <i>N'</i> -octylurea]                                                                                                                                                                                                                | 451-060-3 | 122886-55-9 | R53                                                         | R: 53<br><br>S: 61                                               |                                   |             |
| 617-021-00-1 | methylethylketone peroxide trimer                                                                                                                                                                                                                                                  | 429-320-2 | -           | E; R2<br><br>O; R7<br><br>Xn; R65<br><br>Xi; R38<br><br>R43 | E; Xn<br><br>R: 2-7-38-43-65<br><br>S: (2-)3/7-14-23-36/37/39-62 |                                   |             |
| 617-022-00-7 | reaction mass of: 1,2-dimethylpropylidene dihydroperoxide;                                                                                                                                                                                                                         | 442-480-8 | -           | O; R7                                                       | O; C; N                                                          |                                   |             |

| Index-Nr.    | Internationale chemische Bezeichnung | EG-Nummer | CAS-Nummer | Einstufung                            | Kennzeichnung                                               | Spezifische Konzentrationsgrenzen | Anmerkungen |
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|              | dimethyl 1,2-benzenedicarboxylate    |           |            | Xn; R22<br>C; R34<br>R43<br>N; R51-53 | R: 7-22-34-43-51/53<br>S: (1/2-)3/7-14-26-36/37/39-45-50-61 |                                   |             |
| 647-017-00-5 | laccase                              | 420-150-4 | 80498-15-3 | R42                                   | Xn<br>R: 42<br>S: (2-)23-45                                 |                                   |             |