

## Lanfranchi SPA Combined M-RSL as of 15th November 2018

The following reflects the Company's Manufacturing RSL Detection Limits

These Detection Limits and Test Methods will be revised - at least yearly, to always reflect best current technology.

| Group of substances | Substance                                                                                     | Cas-Nr       | Output: Product                                         | DL:   | Output: Waste water                                                                               | DL:  | Output: Sludge                                                        | DL:   | Input: Chemical Formulations                                                                                                         | DL:     |
|---------------------|-----------------------------------------------------------------------------------------------|--------------|---------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------|---------|
|                     |                                                                                               |              | Test Method                                             | mg/kg | Test Method                                                                                       | µg/l | Test Method                                                           | mg/kg | Test Method                                                                                                                          | mg/kg   |
| APEOs               | Nonylphenol (NP)                                                                              | 104-40-5     | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2   | Liquid chromatography- mass spectrometry (LC- MS), gas chromatography- mass spectrometry (GC- MS); EN ISO 18219 -1, EN ISO 18219 – 2 | Sum 250 |
| APEOs               | Nonylphenol (NP)                                                                              | 1173019-62-9 | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2   |                                                                                                                                      |         |
| APEOs               | 4-Nonylphenol (branched) (NP)                                                                 | 84852-15-3   | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2   |                                                                                                                                      |         |
| APEOs               | Nonylphenol (NP)                                                                              | 90481-04-2   | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2   |                                                                                                                                      |         |
| APEOs               | 4-Nonylphenol (NP)                                                                            | 25154-52-3   | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2   |                                                                                                                                      |         |
| APEOs               | Nonylphenol (NP)                                                                              | 11066-49-2   | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2   |                                                                                                                                      |         |
| APEOs               | Sum of NP Nonylphenol mixed isomers                                                           | Various      | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2   |                                                                                                                                      |         |
| APEOs               | 4-(1,1,1,3,3-Tetramethylbutyl)-phenol (octylphenols) (OP)                                     | 140-66-9     | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2   | Liquid chromatography- mass spectrometry (LC- MS), gas chromatography- mass spectrometry (GC- MS); EN ISO 18219 -1, EN ISO 18219 – 2 | Sum 250 |
| APEOs               | 4-Octylphenol (OP)                                                                            | 1806-26-4    | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2   |                                                                                                                                      |         |
| APEOs               | OctylPhenol (OP)                                                                              | 27193-28-8   | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2   |                                                                                                                                      |         |
| APEOs               | Octylphenol (OP) mixed isomers                                                                | Various      | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2   |                                                                                                                                      |         |
| APEOs               | Unbekanntes Farbmittel 94 (SIN list Isononylphenol-ethoxylate) (NPEO)                         | 37205-87-1   | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2   | Liquid chromatography- mass spectrometry (LC- MS), gas chromatography- mass spectrometry (GC- MS); EN ISO 18219 -1, EN ISO 18219 – 2 | Sum     |
| APEOs               | (NPEs 3-18) Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-, branched (NPEO) | 68412-54-4   | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2   |                                                                                                                                      |         |
| APEOs               | (Nonylphenoxy)-polyethylenoxid (NPEO)                                                         | 9016-45-9    | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis. | 0,2   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2   |                                                                                                                                      |         |

| Group of substances | Substance                                             | Cas-Nr      | Output: Product                                                                      | DL:   | Output: Waste water                                                                               | DL:  | Output: Sludge                                                        | DL:   | Input: Chemical Formulations                                                                                                         | DL:     |
|---------------------|-------------------------------------------------------|-------------|--------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------|---------|
|                     |                                                       |             | Test Method                                                                          | mg/kg | Test Method                                                                                       | µg/l | Test Method                                                           | mg/kg | Test Method                                                                                                                          | mg/kg   |
| APEOs               | 4-Nonylphenol, ethoxylated (NPEO)                     | 26027-38-3  | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis.                              | 0,2   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2   | Chromatography- mass spectrometry (GC- MS); EN ISO 18219 -1, EN ISO 18219 – 2                                                        | 500     |
| APEOs               | 4-Nonylphenol, branched, ethoxylated (NPEO)           | 127087-87-0 | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis.                              | 0,2   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2   |                                                                                                                                      |         |
| APEOs               | Ethoxylated Nonylphenols                              | Various     | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis.                              | 0,2   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2   |                                                                                                                                      |         |
| APEOs               | Octylphenol ethoxylates (OPEOs)                       | 9002-93-1   | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis.                              | 0,2   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2   | Liquid chromatography- mass spectrometry (LC- MS), gas chromatography- mass spectrometry (GC- MS); EN ISO 18219 -1, EN ISO 18219 – 2 | Sum 500 |
| APEOs               | 4-tert-Octylphenoethoxylate (OPEO)                    | 68987-90-6  | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis.                              | 0,2   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2   |                                                                                                                                      |         |
| APEOs               | 4-tert-Octylphenoethoxylate (OPEO)                    | 9036-19-5   | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis.                              | 0,2   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2   |                                                                                                                                      |         |
| APEOs               | Ethoxylated Octylphenols                              | Various     | Solvent Extraction, GC-MS (AP) & LC-MS (APEO) analysis.                              | 0,2   | With Reference To DIN EN ISO 18857 And Followed by LC-MS Analysis. NPEO(1+2): GC/MS               | 1    | Solvent extraction DIN EN ISO 18857 LC/MS mod, resp. NPEO(1+2): GC/MS | 0,2   |                                                                                                                                      |         |
| Phthalates          | Di(2-Ethyl Hexyl) Phthalate(DEHP)                     | 117-81-7    | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3   | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS.                                    | 1    | Extraction with toluene, GC-MS resp. LC/MS.                           | 0,3   |                                                                                                                                      |         |
| Phthalates          | Di-(2-metossietil) ftalato (DMEP)                     | 117-82-8    | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Extraction with toluene, GC-MS resp. LC/MS.                           | 0,3   |                                                                                                                                      |         |
| Phthalates          | Di-N-Octyl Phthalate (DNOP)                           | 117-84-0    | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3   | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS.                                    | 1    | Extraction with toluene, GC-MS resp. LC/MS.                           | 0,3   |                                                                                                                                      |         |
| Phthalates          | Di-n-pentylphthalate (DPP)                            | 131-18-0    | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Extraction with toluene, GC-MS resp. LC/MS.                           | 0,3   |                                                                                                                                      |         |
| Phthalates          | Di-Iso-Decyl Phthalate (DIDP)                         | 26761-40-0  | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3   | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS.                                    | 1    | Extraction with toluene, GC-MS resp. LC/MS.                           | 0,3   |                                                                                                                                      |         |
| Phthalates          | Di-Iso-Nonyl Phthalate (DINP)                         | 28553-12-0  | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3   | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS.                                    | 1    | Extraction with toluene, GC-MS resp. LC/MS.                           | 0,3   |                                                                                                                                      |         |
| Phthalates          | Diisopentylphthalate (DIPP)                           | 605-50-5    | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 1     | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Extraction with toluene, GC-MS resp. LC/MS.                           | 0,3   |                                                                                                                                      |         |
| Phthalates          | di-(C7-C11 alkyl)-phthalate linear + branched (DHNUP) | 68515-42-4  | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Extraction with toluene, GC-MS resp. LC/MS.                           | 0,3   |                                                                                                                                      |         |
| Phthalates          | Di-Iso-Nonyl Phthalate (DINP)                         | 68515-48-0  | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis. | 0,3   | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS.                                    | 1    | Extraction with toluene, GC-MS resp. LC/MS.                           | 0,3   |                                                                                                                                      |         |

| Group of substances | Substance                           | Cas-Nr      | Output: Product                                                                                    | DL:   | Output: Waste water                                                                               | DL:  | Output: Sludge                              | DL:   | Input: Chemical Formulations | DL:        |
|---------------------|-------------------------------------|-------------|----------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------|------|---------------------------------------------|-------|------------------------------|------------|
|                     |                                     |             | Test Method                                                                                        | mg/kg | Test Method                                                                                       | µg/l | Test Method                                 | mg/kg | Test Method                  | mg/kg      |
| Phthalates          | Di-Iso-Decyl Phthalate (DIDP)       | 68515-49-1  | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis.               | 0,3   | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS.                                    | 1    | Extraction with toluene, GC-MS resp. LC/MS. | 0,3   | GC-MS                        | Sum<br>250 |
| Phthalates          | di-(C6-C8 alkyl)-phtalate (DIHP)    | 71888-89-6  | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis.               | 0,3   | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Extraction with toluene, GC-MS resp. LC/MS. | 0,3   |                              |            |
| Phthalates          | N-pentyl-isopentylphthalate (NPIPP) | 776297-69-9 | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis.               | 1     | SPE extraction and Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis resp. LC/MS. | 1    | Extraction with toluene, GC-MS resp. LC/MS. | 0,3   |                              |            |
| Phthalates          | Di-Iso-Butyl Phthalate (DIBP)       | 84-69-5     | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis.               | 0,3   | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS.                                    | 1    | Extraction with toluene, GC-MS resp. LC/MS. | 0,3   |                              |            |
| Phthalates          | Di-Butyl Phthalate (DBP)            | 84-74-2     | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis.               | 0,3   | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS.                                    | 1    | Extraction with toluene, GC-MS resp. LC/MS. | 0,3   |                              |            |
| Phthalates          | Di-N-Hexyl Phthalate (DNHP) (DEP)   | 84-75-3     | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis.               | 0,3   | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS.                                    | 1    | Extraction with toluene, GC-MS resp. LC/MS. | 0,3   |                              |            |
| Phthalates          | Benzyl Butyl Phthalate (BBP)        | 85-68-7     | CEN-ISO-TS 16181; TS 16181; EN 15777; EN 14372; Solvent Extraction & GC-MS analysis.               | 0,3   | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS.                                    | 1    | Extraction with toluene, GC-MS resp. LC/MS. | 0,3   |                              |            |
| Phthalates          | Dimethyl phthalate (DMP)            | 131-11-3    | GC-MS, EN ISO 14389:2014                                                                           | 50    | Toluene Extraction And Followed by GC-MS Analysis resp. LC/MS.                                    | 1    | Extraction with toluene, GC-MS resp. LC/MS. | 0,3   |                              |            |
| Phthalates          | Di-n-propylphthalate (DPRP)         | 131-16-8    | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8270D, ISO 18856                                                                           | 10   | Extraction with toluene, GC-MS resp. LC/MS. | 0,3   |                              |            |
| Phthalates          | Di-iso-octylphthalate (DIOP)        | 27554-26-3  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8270D, ISO 18856                                                                           | 10   | Extraction with toluene, GC-MS resp. LC/MS. | 0,3   |                              |            |
| Phthalates          | Dicyclohexyl phthalate (DCHP)       | 84-61-7     | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8270D, ISO 18856                                                                           | 10   | Extraction with toluene, GC-MS resp. LC/MS. | 0,3   |                              |            |
| Phthalates          | Diethyl phthalate                   | 84-66-2     | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8270D, ISO 18856                                                                           | 10   | Extraction with toluene, GC-MS resp. LC/MS. | 0,3   |                              |            |
| Phthalates          | Di-nonyl phthalate (DNP)            | 84-76-4     | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8270D, ISO 18856                                                                           | 10   | Extraction with toluene, GC-MS resp. LC/MS. | 0,3   |                              |            |
| Flame Retardants    | Monobromo diphenyl ethers (MonoBDE) | 101-55-3    | Solvent Extraction & GC-CE analysis.                                                               | 0,03  | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis                                    | 0,05 | Extraction with toluene, GC-MS resp. LC/MS. | 0,03  | GC-MS                        | 250        |
| Flame Retardants    | Tribromo diphenyl ethers (TriBDE)   | 49690-94-0  | Solvent Extraction & GC-CE analysis.                                                               | 0,03  | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis                                    | 0,05 | Extraction with toluene, GC-MS resp. LC/MS. | 0,03  | GC-MS                        | 250        |
| Flame Retardants    | Dibromo diphenyl ethers (DiBDE)     | 53563-56-7  | Solvent Extraction & GC-CE analysis.                                                               | 0,03  | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis                                    | 0,05 | Extraction with toluene, GC-MS resp. LC/MS. | 0,03  | GC-MS                        | 250        |

| Group of substances | Substance                                    | Cas-Nr      | Output: Product                               | DL:   | Output: Waste water                                            | DL:  | Output: Sludge                                                                                     | DL:   | Input: Chemical Formulations | DL:   |
|---------------------|----------------------------------------------|-------------|-----------------------------------------------|-------|----------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------|-------|------------------------------|-------|
|                     |                                              |             | Test Method                                   | mg/kg | Test Method                                                    | µg/l | Test Method                                                                                        | mg/kg | Test Method                  | mg/kg |
| Flame Retardants    | Tris(2-Chloroethyl)Phosphate (TCEP)          | 115-96-8    | Solvent Extraction & GC-CE analysis.          | 0,25  | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,05 | Extraction with toluene, GC-MS resp. LC/MS.                                                        | 0,25  | GC-MS                        | 250   |
| Flame Retardants    | Decabromo diphenyl ether (DecaBDE)           | 1163-19-5   | Solvent Extraction & GC-CE analysis.          | 0,03  | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,05 | Extraction with toluene, GC-MS resp. LC/MS.                                                        | 0,03  | GC-MS                        | 250   |
| Flame Retardants    | Tris(2,3-Dibromopropyl)-Phosphate (TRIS)     | 126-72-7    | Solvent Extraction & GC-CE analysis.          | 0,25  | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,5  | Extraction with toluene, GC-MS resp. LC/MS.                                                        | 0,25  | GC-MS                        | 250   |
| Flame Retardants    | Hexabromocyclododecane (HBCDD)               | 134237-50-6 | Solvent Extraction & GC-CE analysis.          | 0,25  | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,5  | Extraction with toluene, GC-MS resp. LC/MS.                                                        | 0,25  | GC-MS                        | 250   |
| Flame Retardants    | Hexabromocyclododecane (HBCDD)               | 134237-51-7 | Solvent Extraction & GC-CE analysis.          | 0,25  | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,5  | Extraction with toluene, GC-MS resp. LC/MS.                                                        | 0,25  | GC-MS                        | 250   |
| Flame Retardants    | Hexabromocyclododecane (HBCDD)               | 134237-52-8 | Solvent Extraction & GC-CE analysis.          | 0,25  | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,5  | Extraction with toluene, GC-MS resp. LC/MS.                                                        | 0,25  | GC-MS                        | 250   |
| Flame Retardants    | Hexabromocyclododecane (HBCDD)               | 25637-99-4  | Solvent Extraction & GC-CE analysis.          | 0,25  | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,5  | Extraction with toluene, GC-MS resp. LC/MS.                                                        | 0,25  | GC-MS                        | 250   |
| Flame Retardants    | Hexabromocyclododecane (HBCDD)               | 3194-55-6   | Solvent Extraction & GC-CE analysis.          | 0,25  | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,5  | Extraction with toluene, GC-MS resp. LC/MS.                                                        | 0,25  | GC-MS                        | 250   |
| Flame Retardants    | Tris (1-chloro-2-propyl) phosphate (TCPP)    | 13674-84-5  | Solvent Extraction & GC-CE analysis.          | 0,01  | Solid-phase extraction and GC-MS / LC-MS analysis              | 0,01 | Best current testing technology using lowest detection/reporting limits always updated and applied |       | GC-MS                        | 250   |
| Flame Retardants    | Tris(1,3-dichloro-2-propyl)phosphate (TDCPP) | 13674-87-8  | Solvent extraction and GC-MS / LC-MS analysis | 0,01  | Solid-phase extraction and GC-MS / LC-MS analysis              | 0,01 | Solvent extraction and GC-MS / LC-MS analysis                                                      | 0,01  | GC-MS                        | 250   |
| Flame Retardants    | Pentabromo diphenyl ethers (PentaBDE)        | 32534-81-9  | Solvent Extraction & GC-CE analysis.          | 0,03  | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,05 | Extraction with toluene, GC-MS resp. LC/MS.                                                        | 0,03  | GC-MS                        | 250   |
| Flame Retardants    | Octabromo diphenyl ethers (OctaBDE)          | 32536-52-0  | Solvent Extraction & GC-CE analysis.          | 0,03  | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,05 | Extraction with toluene, GC-MS resp. LC/MS.                                                        | 0,03  | GC-MS                        | 250   |
| Flame Retardants    | Hexabromo diphenyl ethers (HexaBDE)          | 36483-60-0  | Solvent Extraction & GC-CE analysis.          | 0,03  | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,05 | Extraction with toluene, GC-MS resp. LC/MS.                                                        | 0,03  | GC-MS                        | 250   |
| Flame Retardants    | Tetrabromo diphenyl ethers (TetraBDE)        | 40088-47-9  | Solvent Extraction & GC-CE analysis.          | 0,03  | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,05 | Extraction with toluene, GC-MS resp. LC/MS.                                                        | 0,03  | GC-MS                        | 250   |
| Flame Retardants    | Bis (2,3-dibromopropyl) phosphate (BIS)      | 5412-25-9   | Solvent extraction and GC-MS / LC-MS analysis | 0,01  | Solid-phase extraction and GC-MS / LC-MS analysis              | 0,05 | Solvent extraction and GC-MS / LC-MS analysis                                                      | 0,01  | GC-MS                        | 250   |
| Flame Retardants    | Nonabromo diphenyl ethers (NonaBDE)          | 63936-56-1  | Solvent Extraction & GC-CE analysis.          | 0,03  | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis | 0,05 | Extraction with toluene, GC-MS resp. LC/MS.                                                        | 0,03  | GC-MS                        | 250   |

| Group of substances             | Substance                                   | Cas-Nr     | Output: Product                                                                                        | DL:   | Output: Waste water                                                                                | DL:                                                                                                | Output: Sludge                                                                                     | DL:                                                                                                | Input: Chemical Formulations                      | DL:   |
|---------------------------------|---------------------------------------------|------------|--------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------|-------|
|                                 |                                             |            | Test Method                                                                                            | mg/kg | Test Method                                                                                        | µg/l                                                                                               | Test Method                                                                                        | mg/kg                                                                                              | Test Method                                       | mg/kg |
| Flame Retardants                | Heptabromo diphenyl ethers (HeptaBDE)       | 68928-80-3 | Solvent Extraction & GC-CE analysis.                                                                   | 0,03  | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis                                     | 0,05                                                                                               | Extraction with toluene, GC-MS resp. LC/MS.                                                        | 0,03                                                                                               | GC-MS                                             | 250   |
| Flame Retardants                | Tetrabromo-bisphenol A (TBBPA)              | 79-94-7    | Solvent Extraction & GC-CE analysis.                                                                   | 0,25  | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis                                     | 0,5                                                                                                | Extraction with toluene, GC-MS resp. LC/MS.                                                        | 0,25                                                                                               | GC-MS                                             | 250   |
| Flame Retardants                | Polibrominated diphenyl ethers (PBDE)       | Various    | Solvent Extraction & GC-CE analysis.                                                                   | 0,03  | By Toluene Extraction And Followed By LC-MS And GC-MS Analysis                                     | 0,05                                                                                               | Extraction with toluene, GC-MS resp. LC/MS.                                                        | 0,03                                                                                               | GC-MS                                             | 250   |
| Flame Retardants                | Boric acid                                  | 10043-35-3 | Mineralization and ICP-MS analysis                                                                     | 5     | Mineralization and ICP-MS analysis                                                                 | 50                                                                                                 | Mineralization and ICP-MS analysis                                                                 | 5                                                                                                  | GC-MS                                             | 250   |
| Flame Retardants                | Boric acid                                  | 11113-50-1 | Mineralization and ICP-MS analysis                                                                     | 5     | Mineralization and ICP-MS analysis                                                                 | 50                                                                                                 | Mineralization and ICP-MS analysis                                                                 | 5                                                                                                  | GC-MS                                             | 250   |
| Flame Retardants                | SodiumTetraborate                           | 12267-73-1 | Mineralization and ICP-MS analysis                                                                     | 5     | Mineralization and ICP-MS analysis                                                                 | 50                                                                                                 | Mineralization and ICP-MS analysis                                                                 | 5                                                                                                  | GC-MS                                             | 250   |
| Flame Retardants                | SodiumTetraborate                           | 1330-43-4  | Mineralization and ICP-MS analysis                                                                     | 5     | Mineralization and ICP-MS analysis                                                                 | 50                                                                                                 | Mineralization and ICP-MS analysis                                                                 | 5                                                                                                  | GC-MS                                             | 250   |
| Flame Retardants                | Boric Acid, sodium salt                     | 13840-56-7 | Mineralization and ICP-MS analysis                                                                     | 5     | Mineralization and ICP-MS analysis                                                                 | 50                                                                                                 | Mineralization and ICP-MS analysis                                                                 | 5                                                                                                  | GC-MS                                             | 250   |
| Flame Retardants                | Boron Trioxide                              | 1303-86-2  | Mineralization and ICP-MS analysis                                                                     | 5     | Mineralization and ICP-MS analysis                                                                 | 50                                                                                                 | Mineralization and ICP-MS analysis                                                                 | 5                                                                                                  | GC-MS                                             | 250   |
| Flame Retardants                | Sodium tetraborate                          | 1303-96-4  | Mineralization and ICP-MS analysis                                                                     | 5     | Mineralization and ICP-MS analysis                                                                 | 50                                                                                                 | Mineralization and ICP-MS analysis                                                                 | 5                                                                                                  | GC-MS                                             | 250   |
| Flame Retardants                | Trixylyl phosphate                          | 25155-23-1 | EN ISO 17881-2:2016                                                                                    | 5     | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | GC-MS                                             | 250   |
| Flame Retardants                | 2,2-bis(bromomethyl)-1,3-propanediol (BBMP) | 3296-90-0  | Best current testing technology using lowest detection/reporting limits always updated and applied     |       | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | GC-MS                                             | 250   |
| Flame Retardants                | Tris(1-aziridinyl)phosphine oxide (TEPA)    | 545-55-1   | Best current testing technology using lowest detection/reporting limits always updated and applied     |       | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | GC-MS                                             | 250   |
| Flame Retardants                | Polybromobiphenyls (PBB)                    | 59536-65-1 | Best current testing technology using lowest detection/reporting limits always updated and applied     |       | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | GC-MS                                             | 250   |
| Amines Associated with Azo Dyes | 4,4'-Methylene-Bis(2-Chloroaniline)         | 101-14-4   | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis.                            | 0,01                                                                                               | EN 14362 modified GC/MS resp. HPLC.                                                                | 0,01                                                                                               | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Amines Associated with Azo Dyes | 4,4'-Diaminodiphenylmethane                 | 101-77-9   | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminozobenzene) | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis.                            | 0,01                                                                                               | EN 14362 modified GC/MS resp. HPLC.                                                                | 0,01                                                                                               | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |

| Group of substances             | Substance                                 | Cas-Nr   | Output: Product                                                                                       | DL:   | Output: Waste water                                                     | DL:  | Output: Sludge                      | DL:   | Input: Chemical Formulations                      | DL:   |
|---------------------------------|-------------------------------------------|----------|-------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------|------|-------------------------------------|-------|---------------------------------------------------|-------|
|                                 |                                           |          | Test Method                                                                                           | mg/kg | Test Method                                                             | µg/l | Test Method                         | mg/kg | Test Method                                       | mg/kg |
| Amines Associated with Azo Dyes | 4,4'-Oxydianiline                         | 101-80-4 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminobenzene)  | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Amines Associated with Azo Dyes | p-Chloroaniline                           | 106-47-8 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminobenzene)  | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Amines Associated with Azo Dyes | 3,3'-Dimethoxybenzidine                   | 119-90-4 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminobenzene)  | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Amines Associated with Azo Dyes | 3,3'-Dimethylbenzidine                    | 119-93-7 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminobenzene)  | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Amines Associated with Azo Dyes | p-Cresidine                               | 120-71-8 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminobenzene)  | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Amines Associated with Azo Dyes | 2,4,5-Trimethylaniline                    | 137-17-7 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminobenzene)  | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Amines Associated with Azo Dyes | 4,4'-Thiodianiline                        | 139-65-1 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminobenzene)  | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Amines Associated with Azo Dyes | p-Aminoazobenzene C.I. Solvent Yellow 1   | 60-09-3  | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminobenzene)  | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Amines Associated with Azo Dyes | 2,4-Diaminoanisole                        | 615-05-4 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminobenzene)  | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Amines Associated with Azo Dyes | 3,3'-Dimethyl-4,4'-diaminodiphenylmethane | 838-88-0 | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminobenzene)  | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Amines Associated with Azo Dyes | 2,6-Xylidine                              | 87-62-7  | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminobenzene)  | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Amines Associated with Azo Dyes | o-Anisidine                               | 90-04-0  | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminobenzene)  | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Amines Associated with Azo Dyes | 2-Naphthylamine                           | 91-59-8  | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminobenzene)  | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Amines Associated with Azo Dyes | 3,3'-Dichlorobenzidine                    | 91-94-1  | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminobenzene)  | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Amines Associated with Azo Dyes | 4-Aminodiphenyl                           | 92-67-1  | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminobenzene)  | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Amines Associated with Azo Dyes | Benzidine                                 | 92-87-5  | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592 ; GB/T 23344 (4-aminobenzene) | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis. | 0,01 | EN 14362 modified GC/MS resp. HPLC. | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |

| Group of substances             | Substance                                                      | Cas-Nr   | Output: Product                                                                                      | DL:   | Output: Waste water                                                                                  | DL:  | Output: Sludge                                                   | DL:   | Input: Chemical Formulations                      | DL:   |
|---------------------------------|----------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------|-------|---------------------------------------------------|-------|
|                                 |                                                                |          | Test Method                                                                                          | mg/kg | Test Method                                                                                          | µg/l | Test Method                                                      | mg/kg | Test Method                                       | mg/kg |
| Amines Associated with Azo Dyes | o-Toluidine                                                    | 95-53-4  | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminobenzene) | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis.                              | 0,01 | EN 14362 modified GC/MS resp. HPLC.                              | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Amines Associated with Azo Dyes | 2,4-Xylidine                                                   | 95-68-1  | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminobenzene) | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis.                              | 0,01 | EN 14362 modified GC/MS resp. HPLC.                              | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Amines Associated with Azo Dyes | 4-Chloro-o-Toluidine                                           | 95-69-2  | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminobenzene) | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis.                              | 0,01 | EN 14362 modified GC/MS resp. HPLC.                              | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Amines Associated with Azo Dyes | 2,4-Toluylenediamine                                           | 95-80-7  | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminobenzene) | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis.                              | 0,01 | EN 14362 modified GC/MS resp. HPLC.                              | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Amines Associated with Azo Dyes | o-Aminoazotoluene; C.I. Solvent Yellow 3                       | 97-56-3  | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminobenzene) | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis.                              | 0,01 | EN 14362 modified GC/MS resp. HPLC.                              | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Amines Associated with Azo Dyes | 2-Amino-4-Nitrotoluene                                         | 99-55-8  | EN 14362-1:2012; ISO 17234-1:2010; ISO 17234-2:2011; Leather.GB/T 17592; GB/T 23344 (4-aminobenzene) | 0,01  | With Reference To EN 14362:1&3 And Followed By GC-MS And HPLC Analysis.                              | 0,01 | EN 14362 modified GC/MS resp. HPLC.                              | 0,01  | LC, GC, GC-MS, EN ISO 17234 – 1, EN ISO 17234 – 2 | 150   |
| Organotin Compounds             | Methyltin/Monomethyltin (MMT) - 83221-98-1 or others           | Multiple | Extraction / Derivation followed by GC-MS analysis                                                   | 0,01  | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01  | GC-MS, low resolution mass spectrometry (LRMS)    | 5     |
| Organotin Compounds             | Dimethyltin (DMT) - 753-73-1 or others                         | Multiple | Extraction / Derivation followed by GC-MS analysis                                                   | 0,01  | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01  | GC-MS, low resolution mass spectrometry (LRMS)    | 5     |
| Organotin Compounds             | Trimethyltin (TMT) - 1066-45-1, 17272-57-0 or others           | Multiple | Extraction / Derivation followed by GC-MS analysis                                                   | 0,01  | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01  | GC-MS, low resolution mass spectrometry (LRMS)    | 5     |
| Organotin Compounds             | Monobutyltin (MBT) - 1118-46-3, 78763-54-9 or others           | Multiple | Extraction / Derivation followed by GC-MS analysis                                                   | 0,01  | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01  | GC-MS, low resolution mass spectrometry (LRMS)    | 5     |
| Organotin Compounds             | Dibutyltin (DBT) - 1461-22-9, 1002-53-5, 14488-53-0 or others  | Multiple | Extraction / Derivation followed by GC-MS analysis                                                   | 0,01  | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01  | GC-MS, low resolution mass spectrometry (LRMS)    | 20    |
| Organotin Compounds             | Tributyltin (TBT) - 56573-85-4, 36643-28-4 or others           | Multiple | Extraction / Derivation followed by GC-MS analysis                                                   | 0,01  | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01  | GC-MS, low resolution mass spectrometry (LRMS)    | 5     |
| Organotin Compounds             | Phenyltin/Phenyltintin/Monophenyltin (MPht)                    | Multiple | Extraction / Derivation followed by GC-MS analysis                                                   | 0,01  | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01  | GC-MS, low resolution mass spectrometry (LRMS)    | 5     |
| Organotin Compounds             | Diphenyltin (DPht) - 1135-99-5, 6381-06-2, 1011-95-6 or others | Multiple | Extraction / Derivation followed by GC-MS analysis                                                   | 0,01  | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01  | GC-MS, low resolution mass spectrometry (LRMS)    | 5     |
| Organotin Compounds             | Triphenyltin (TPht) - 892-20-6, 668-34-8 or others             | Multiple | Solvent extraction, derivatization and GC-MS/MS analysis                                             | 0,1   | Solvent extraction, derivatization and GC-MS/MS analysis                                             | 0,1  | Solvent extraction, derivatization and GC-MS/MS analysis         | 0,1   | GC-MS, low resolution mass spectrometry (LRMS)    | 5     |
| Organotin Compounds             | Monooctyltin (MOT) - 3091-25-6, 15231-57-9 or others           | Multiple | Extraction / Derivation followed by GC-MS analysis                                                   | 0,01  | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01  | GC-MS, low resolution mass spectrometry (LRMS)    | 5     |

| Group of substances | Substance                                                            | Cas-Nr     | Output: Product                                          | DL:   | Output: Waste water                                                                                  | DL:  | Output: Sludge                                                   | DL:   | Input: Chemical Formulations                   | DL:   |
|---------------------|----------------------------------------------------------------------|------------|----------------------------------------------------------|-------|------------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------|-------|------------------------------------------------|-------|
|                     |                                                                      |            | Test Method                                              | mg/kg | Test Method                                                                                          | µg/l | Test Method                                                      | mg/kg | Test Method                                    | mg/kg |
| Organotin Compounds | Dioctyltin (DOT) - 94410-05-6, 15231-44-4 or others                  | Multiple   | Extraction / Derivation followed by GC-MS analysis       | 0,01  | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01  | GC-MS, low resolution mass spectrometry (LRMS) | 5     |
| Organotin Compounds | Trioctyltin (TOT) - 2587-76-0, 250252-89-2 or others                 | Multiple   | Extraction / Derivation followed by GC-MS analysis       | 0,01  | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01  | GC-MS, low resolution mass spectrometry (LRMS) | 5     |
| Organotin Compounds | Tricyclohexyltin (TCyHT) - 3091-52-5, 6056-50-4, 3047-10-7 or others | Multiple   | Extraction / Derivation followed by GC-MS analysis       | 0,01  | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01  | GC-MS, low resolution mass spectrometry (LRMS) | 5     |
| Organotin Compounds | Tripropyltin (TPT) - 2279-76-7, 761-44-4 or others                   | Multiple   | Extraction / Derivation followed by GC-MS analysis       | 0,01  | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01  | GC-MS, low resolution mass spectrometry (LRMS) | 5     |
| Organotin Compounds | Dibutyltin dichloride (DBTC)                                         | 683-18-1   | Solvent extraction, derivatization and GC-MS/MS analysis | 0,1   | Solvent extraction, derivatization and GC-MS/MS analysis                                             | 0,1  | Solvent extraction, derivatization and GC-MS/MS                  | 0,1   | GC-MS, low resolution mass spectrometry (LRMS) | 5     |
| Organotin Compounds | Dibutyltin hydrogen borate (DBB)                                     | 75113-37-0 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,1   | Solvent extraction, derivatization and GC-MS/MS                                                      | 0,1  | Solvent extraction, derivatization and GC-MS/MS analysis         | 0,1   | GC-MS, low resolution mass spectrometry (LRMS) | 5     |
| Organotin Compounds | Tributyltin oxide (TBTO)                                             | 56-35-9    | Solvent extraction, derivatization and GC-MS/MS analysis | 0,1   | Solvent extraction, derivatization and GC-MS/MS analysis                                             | 0,1  | Solvent extraction, derivatization and GC-MS/MS analysis         | 0,1   | GC-MS, low resolution mass spectrometry (LRMS) | 5     |
| Organotin Compounds | Tetrabutyltin (TeBT)                                                 | 1461-25-2  | Extraction / Derivation followed by GC-MS analysis       | 0,01  | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01  | GC-MS, low resolution mass spectrometry (LRMS) | 5     |
| Organotin Compounds | Tetraethyltin (TeET)                                                 | 597-64-8   | Extraction / Derivation followed by GC-MS analysis       | 0,01  | With Reference To DIN EN17353 And Followed by Gas Chromatography-Mass Spectrometry (GC-MS) Analysis. | 0,01 | Solvent extraction, derivatisation with tetraethylborate, GC/MS. | 0,01  | GC-MS, low resolution mass spectrometry (LRMS) | 5     |
| PFCs                | PFOS - Heptadecafluorooctane sulfonic acid (PFOS)                    | 1763-23-1  | Extraction/ Derivation followed by GC-MS analysis        | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified                                                        | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified  | 0,001 | LC-MS                                          | 2     |
| PFCs                | PFOF - Perfluorooctane sulfonic acid Tetraethylammonium salt (PFOS)  | 56773-42-3 | Extraction/ Derivation followed by GC-MS analysis        | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified                                                        | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified  | 0,001 | LC-MS                                          | 2     |
| PFCs                | POSF - Perfluoro-1-octanesulfonyl fluoride (PFOS)                    | 307-35-7   | Extraction/ Derivation followed by GC-MS analysis        | 0,01  | C EN/TS 15968:2010. LC/MS analysis - modified                                                        | 0,1  | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified  | 0,01  | LC-MS                                          | 2     |
| PFCs                | Perfluorooctane sulfonic acid (PFOS) and its derivatives             | various    | Extraction/ Derivation followed by GC-MS analysis        | 0,01  | C EN/TS 15968:2010. LC/MS analysis - modified                                                        | 0,1  | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified  | 0,01  | LC-MS                                          | 2     |
| PFCs                | PFOA - Pentadecafluorooctanoic acid (PFOA)                           | 335-67-1   | Solvent Extraction, LC-MS analysis.                      | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified                                                        | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified  | 0,001 | LC-MS                                          | 2     |
| PFCs                | Perfluorooctanoic acid (PFOA) and its derivatives                    | various    | Solvent Extraction, LC-MS analysis.                      | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified                                                        | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified  | 0,001 | LC-MS                                          | 2     |
| PFCs                | 7H-Perfluoroheptanoic acid (HPFHpA)                                  | 1546-95-8  | Solvent Extraction, LC-MS analysis.                      | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified                                                        | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified  | 0,001 | LC-MS                                          | 2     |



| Group of substances | Substance                                              | Cas-Nr      | Output: Product                                   | DL:   | Output: Waste water                           | DL:  | Output: Sludge                                                  | DL:   | Input: Chemical Formulations | DL:   |
|---------------------|--------------------------------------------------------|-------------|---------------------------------------------------|-------|-----------------------------------------------|------|-----------------------------------------------------------------|-------|------------------------------|-------|
|                     |                                                        |             | Test Method                                       | mg/kg | Test Method                                   | µg/l | Test Method                                                     | mg/kg | Test Method                  | mg/kg |
| PFCs                | N-Et-FOSE alcohol                                      | 1691-99-2   | Solvent Extraction, LC-MS analysis.               | 0,01  | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1  | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01  | LC-MS                        | 2     |
| PFCs                | PF-3,7-DMOA                                            | 172155-07-6 | Solvent Extraction, LC-MS analysis.               | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS                        | 2     |
| PFCs                | 6:2 FTA                                                | 17527-29-6  | Solvent Extraction, LC-MS analysis.               | 0,01  | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1  | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01  | LC-MS                        | 2     |
| PFCs                | 1H,1H,2H,2H-Perfluorododecyl acrylate (FTA 10:2)       | 17741-60-5  | Solvent Extraction, LC-MS analysis.               | 0,01  | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1  | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01  | LC-MS                        | 2     |
| PFCs                | 4:2 FTOH                                               | 2043-47-2   | Extraction/ Derivation followed by GC-MS analysis | 0,01  | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1  | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01  | LC-MS                        | 2     |
| PFCs                | PFUnA                                                  | 2058-94-8   | Solvent Extraction, LC-MS analysis.               | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS                        | 2     |
| PFCs                | N-Me-FOSE alcohol                                      | 24448-09-7  | Solvent Extraction, LC-MS analysis.               | 0,01  | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1  | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01  | LC-MS                        | 2     |
| PFCs                | PFPeA                                                  | 2706-90-3   | Solvent Extraction, LC-MS analysis.               | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS                        | 2     |
| PFCs                | H4PFOS 6:2 - 1H,1H,2H,2H Perfluorooctane sulfonic acid | 27619-97-2  | Solvent Extraction, LC-MS analysis.               | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS                        | 2     |
| PFCs                | 1H,1H,2H,2H-Perfluorodecyl acrylate (FTA 8:2)          | 27905-45-9  | Solvent Extraction, LC-MS analysis.               | 0,01  | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1  | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01  | LC-MS                        | 2     |
| PFCs                | Perfluoro n-hexanoic acid (PFHxA)                      | 307-24-4    | Extraction/ Derivation followed by GC-MS analysis | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS                        | 2     |
| PFCs                | Perfluorododecanoic acid (PFDoA)                       | 307-55-1    | Solvent Extraction, LC-MS analysis.               | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS                        | 2     |
| PFCs                | N-Me-FOSA                                              | 31506-32-8  | Extraction/ Derivation followed by GC-MS analysis | 0,01  | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1  | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01  | LC-MS                        | 2     |
| PFCs                | PFDA                                                   | 335-76-2    | Solvent Extraction, LC-MS analysis.               | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS                        | 2     |
| PFCs                | PFDS                                                   | 335-77-3    | Solvent Extraction, LC-MS analysis.               | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS                        | 2     |
| PFCs                | 4HPFUnA - 2H,2H,3H,3H-Perfluoroundecanoic acid         | 34598-33-9  | Solvent Extraction, LC-MS analysis.               | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS                        | 2     |

| Group of substances | Substance                                       | Cas-Nr     | Output: Product                                                    | DL:   | Output: Waste water                           | DL:  | Output: Sludge                                                  | DL:   | Input: Chemical Formulations | DL:   |
|---------------------|-------------------------------------------------|------------|--------------------------------------------------------------------|-------|-----------------------------------------------|------|-----------------------------------------------------------------|-------|------------------------------|-------|
|                     |                                                 |            | Test Method                                                        | mg/kg | Test Method                                   | µg/l | Test Method                                                     | mg/kg | Test Method                  | mg/kg |
| PFCs                | Perfluorohexane sulfonic acid (PFHxS)           | 355-46-4   | Extraction/ Derivation followed by GC-MS analysis                  | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS                        | 2     |
| PFCs                | Perfluorobutanoic acid (PFBA)                   | 375-22-4   | Solvent Extraction, LC-MS analysis.                                | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS                        | 2     |
| PFCs                | PFBS                                            | 375-73-5   | Solvent Extraction, LC-MS analysis.                                | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS                        | 2     |
| PFCs                | Perfluoro n-heptanoic acid (PFHpA)              | 375-85-9   | Solvent Extraction, LC-MS analysis.                                | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS                        | 2     |
| PFCs                | PFHpS                                           | 375-92-8   | Solvent Extraction, LC-MS analysis.                                | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS                        | 2     |
| PFCs                | PFNA                                            | 375-95-1   | Solvent Extraction, LC-MS analysis.                                | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS                        | 2     |
| PFCs                | Perfluorotetradecanoic acid (PFTeA)             | 376-06-7   | Solvent Extraction, LC-MS analysis.                                | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS                        | 2     |
| PFCs                | N-ethylperfluoro-1-octanesulfonamide (N-EtFOSA) | 4151-50-2  | Extraction/ Derivation followed by GC-MS analysis                  | 0,01  | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1  | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01  | LC-MS                        | 2     |
| PFCs                | PFBS                                            | 59933-66-3 | MIP_CE0084-rev0:2016 (ref. UNI CEN/TS 15968:2010 LC-MSMS/LC-Q-TOF) | 1     | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS                        | 2     |
| PFCs                | 6:2 Fluorotelomer alcohol (FTOH 6:2)            | 647-42-7   | Extraction/ Derivation followed by GC-MS analysis                  | 0,01  | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1  | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01  | LC-MS                        | 2     |
| PFCs                | 8:2 Fluorotelomer alcohol (FTOH 8:2)            | 678-39-7   | Extraction/ Derivation followed by GC-MS analysis                  | 0,01  | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1  | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01  | LC-MS                        | 2     |
| PFCs                | Perfluorotridecanoic acid (PFTra)               | 72629-94-8 | Solvent Extraction, LC-MS analysis.                                | 0,001 | C EN/TS 15968:2010. LC/MS analysis - modified | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,001 | LC-MS                        | 2     |
| PFCs                | Perfluorooctane-sulfonamide (PFOSA)             | 754-91-6   | Extraction/ Derivation followed by GC-MS analysis                  | 0,01  | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1  | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01  | LC-MS                        | 2     |
| PFCs                | 10:2 Fluorotelomer alcohol (FTOH 10:2)          | 865-86-1   | Extraction/ Derivation followed by GC-MS analysis                  | 0,01  | C EN/TS 15968:2010. LC/MS analysis - modified | 0,1  | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01  | LC-MS                        | 2     |
| PFCs                | PFBS                                            | 29420-43-3 | Extraction/ Derivation followed by GC-MS analysis                  | 0,01  | DIN 38407-42 modified                         | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01  | LC-MS                        | 2     |
| PFCs                | Perfluorobutanesulfonate K-salt                 | 29420-49-3 | Extraction/ Derivation followed by GC-MS analysis                  | 0,01  | DIN 38407-42 modified                         | 0,01 | Solvent extraction CEN/TS 15968:2010. LC/MS analysis - modified | 0,01  | LC-MS                        | 2     |

| Group of substances             | Substance                                 | Cas-Nr     | Output: Product                                          | DL:   | Output: Waste water                          | DL:  | Output: Sludge                                           | DL:   | Input: Chemical Formulations | DL:   |
|---------------------------------|-------------------------------------------|------------|----------------------------------------------------------|-------|----------------------------------------------|------|----------------------------------------------------------|-------|------------------------------|-------|
|                                 |                                           |            | Test Method                                              | mg/kg | Test Method                                  | µg/l | Test Method                                              | mg/kg | Test Method                  | mg/kg |
| Chlorobenzenes & Chlorotoluenes | 1,2-Dichlorobenzene                       | 95-50-1    | Extraction / Derivation followed by GC-MS analysis       | 0,01  | Liquid extraction GC-MS analysis.            | 0,02 | Solvent extraction GC- MS analysis.                      | 0,01  | GC-MS                        | 1000  |
| Chlorobenzenes & Chlorotoluenes | 1,4-Dichlorobenzene                       | 106-46-7   | Extraction / Derivation followed by GC-MS analysis       | 0,01  | Liquid extraction GC-MS analysis.            | 0,02 | Solvent extraction GC- MS analysis.                      | 0,01  |                              |       |
| Chlorobenzenes & Chlorotoluenes | 1,3,5-Trichlorobenzene                    | 108-70-3   | Extraction / Derivation followed by GC-MS analysis       | 0,01  | Liquid extraction GC-MS analysis.            | 0,02 | Solvent extraction GC- MS analysis.                      | 0,01  |                              |       |
| Chlorobenzenes & Chlorotoluenes | chlorobenzene                             | 108-90-7   | Extraction / Derivation followed by GC-MS analysis       | 0,05  | Solid-phase extraction and GC-MS/MS analysis | 0,02 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,05  |                              |       |
| Chlorobenzenes & Chlorotoluenes | Hexachlorobenzene #                       | 118-74-1   | Extraction / Derivation followed by GC-MS analysis       | 0,01  | Liquid extraction GC-MS analysis.            | 0,02 | Solvent extraction GC- MS analysis.                      | 0,01  |                              |       |
| Chlorobenzenes & Chlorotoluenes | 1,2,4-trichlorobenzene                    | 120-82-1   | Extraction / Derivation followed by GC-MS analysis       | 0,01  | Liquid extraction GC-MS analysis.            | 0,02 | Solvent extraction GC- MS analysis.                      | 0,01  |                              |       |
| Chlorobenzenes & Chlorotoluenes | Tetrachlorobenzene                        | 12408-10-5 | Extraction / Derivation followed by GC-MS analysis       | 0,01  | Liquid extraction GC-MS analysis.            | 0,02 | Solvent extraction GC- MS analysis.                      | 0,01  |                              |       |
| Chlorobenzenes & Chlorotoluenes | 1,3-Dichlorobenzene                       | 541-73-1   | Extraction / Derivation followed by GC-MS analysis       | 0,01  | Liquid extraction GC-MS analysis.            | 0,02 | Solvent extraction GC- MS analysis.                      | 0,01  |                              |       |
| Chlorobenzenes & Chlorotoluenes | Pentachlorobenzene                        | 608-93-5   | Extraction / Derivation followed by GC-MS analysis       | 0,01  | Liquid extraction GC-MS analysis.            | 0,02 | Solvent extraction GC- MS analysis.                      | 0,01  |                              |       |
| Chlorobenzenes & Chlorotoluenes | 1,2,3,4-tetrachlorobenzene                | 634-66-2   | Extraction / Derivation followed by GC-MS analysis       | 0,01  | Liquid extraction GC-MS analysis.            | 0,02 | Solvent extraction GC- MS analysis.                      | 0,01  |                              |       |
| Chlorobenzenes & Chlorotoluenes | 1,2,3,5-tetrachlorobenzene                | 634-90-2   | Extraction / Derivation followed by GC-MS analysis       | 0,01  | Liquid extraction GC-MS analysis.            | 0,02 | Solvent extraction GC- MS analysis.                      | 0,01  |                              |       |
| Chlorobenzenes & Chlorotoluenes | 1,2,3-Trichlorobenzene                    | 87-61-6    | Extraction / Derivation followed by GC-MS analysis       | 0,01  | Liquid extraction GC-MS analysis.            | 0,02 | Solvent extraction GC- MS analysis.                      | 0,01  |                              |       |
| Chlorobenzenes & Chlorotoluenes | 1,2,4,5-tetrachlorobenzene                | 95-94-3    | Extraction / Derivation followed by GC-MS analysis       | 0,01  | Liquid extraction GC-MS analysis.            | 0,02 | Solvent extraction GC- MS analysis.                      | 0,01  |                              |       |
| Chlorobenzenes & Chlorotoluenes | Benzyl chloride; α-chlorotoluene          | 100-44-7   | Solvent extraction, derivatization and GC-MS/MS analysis | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,01 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,01  |                              |       |
| Chlorobenzenes & Chlorotoluenes | alpha, alpha, alpha, 4-tetrachlorotoluene | 5216-25-1  | Solvent extraction, derivatization and GC-MS/MS analysis | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,01 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,01  |                              |       |
| Chlorobenzenes & Chlorotoluenes | Trichlorotoluene (Benzotrichloride)       | 98-07-7    | Solvent extraction, derivatization and GC-MS/MS analysis | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,01 | Solvent extraction, derivatization and GC-MS/MS analysis | 0,01  |                              |       |

| Group of substances             | Substance                             | Cas-Nr     | Output: Product                                                                                    | DL:   | Output: Waste water                          | DL:  | Output: Sludge                                                                                     | DL:   | Input: Chemical Formulations | DL:     |
|---------------------------------|---------------------------------------|------------|----------------------------------------------------------------------------------------------------|-------|----------------------------------------------|------|----------------------------------------------------------------------------------------------------|-------|------------------------------|---------|
|                                 |                                       |            | Test Method                                                                                        | mg/kg | Test Method                                  | µg/l | Test Method                                                                                        | mg/kg | Test Method                  | mg/kg   |
| Chlorobenzenes & Chlorotoluenes | a,a-Dichlorotoluene (Benzal chloride) | 98-87-3    | Solvent extraction, derivatization and GC-MS/MS analysis                                           | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,01 | Solvent extraction, derivatization and GC-MS/MS analysis                                           | 0,01  | GC-MS                        | Sum 200 |
| Chlorobenzenes & Chlorotoluenes | Chlorotoluenes                        | 106-43-4   | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8260B, 8270D                          | 0,2  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |                              |         |
| Chlorobenzenes & Chlorotoluenes | Chlorotoluenes                        | 108-41-8   | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8260B, 8270D                          | 0,2  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |                              |         |
| Chlorobenzenes & Chlorotoluenes | Dichlorotoluenes                      | 118-69-4   | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8260B, 8270D                          | 0,2  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |                              |         |
| Chlorobenzenes & Chlorotoluenes | Dichlorotoluenes                      | 19398-61-9 | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8260B, 8270D                          | 0,2  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |                              |         |
| Chlorobenzenes & Chlorotoluenes | Trichlorotoluenes                     | 2077-46-5  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8260B, 8270D                          | 0,2  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |                              |         |
| Chlorobenzenes & Chlorotoluenes | 3,4,5-Trichlorotoluene                | 21472-86-6 | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8260B, 8270D                          | 0,2  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |                              |         |
| Chlorobenzenes & Chlorotoluenes | 2,4,6-Trichlorotoluene                | 23749-65-7 | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8260B, 8270D                          | 0,2  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |                              |         |
| Chlorobenzenes & Chlorotoluenes | 3,5-Dichlorotoluene                   | 25186-47-4 | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8260B, 8270D                          | 0,2  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |                              |         |
| Chlorobenzenes & Chlorotoluenes | 2,3,5,6-Tetrachlorotoluene            | 29733-70-8 | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8260B, 8270D                          | 0,2  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |                              |         |
| Chlorobenzenes & Chlorotoluenes | 2,3-dichlorotoluene                   | 32768-54-0 | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8260B, 8270D                          | 0,2  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |                              |         |
| Chlorobenzenes & Chlorotoluenes | 2,4,5-trichlorotoluene                | 6639-30-1  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8260B, 8270D                          | 0,2  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |                              |         |
| Chlorobenzenes & Chlorotoluenes | 2,3,4-Trichlorotoluene                | 7359-72-0  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8260B, 8270D                          | 0,2  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |                              |         |
| Chlorobenzenes & Chlorotoluenes | 2,3,4,5-Tetrachlorotoluene            | 76057-12-0 | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8260B, 8270D                          | 0,2  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |                              |         |
| Chlorobenzenes & Chlorotoluenes | 2,3,5,6-Tetrachlorotoluene            | 875-40-1   | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8260B, 8270D                          | 0,2  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |                              |         |
| Chlorobenzenes & Chlorotoluenes | Pentachlorotoluene                    | 877-11-2   | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8260B, 8270D                          | 0,2  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |                              |         |

| Group of substances             | Substance                                 | Cas-Nr   | Output: Product                                                                                    | DL:   | Output: Waste water                                                       | DL:  | Output: Sludge                                                                                     | DL:   | Input: Chemical Formulations | DL:   |
|---------------------------------|-------------------------------------------|----------|----------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------|-------|------------------------------|-------|
|                                 |                                           |          | Test Method                                                                                        | mg/kg | Test Method                                                               | µg/l | Test Method                                                                                        | mg/kg | Test Method                  | mg/kg |
| Chlorobenzenes & Chlorotoluenes | Chlorotoluenes                            | 95-49-8  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8260B, 8270D                                                       | 0,2  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |                              |       |
| Chlorobenzenes & Chlorotoluenes | 2,4-dichlorotoluene                       | 95-73-8  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8260B, 8270D                                                       | 0,2  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |                              |       |
| Chlorobenzenes & Chlorotoluenes | Dichlorotoluenes                          | 95-75-0  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | US EPA 8260B, 8270D                                                       | 0,2  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |                              |       |
| Chlorinated Solvents            | 1,2-Dichloroethane                        | 107-06-2 | Extraction / Derivation followed by GC-MS analysis                                                 | 0,3   | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1    | GC-MS Headspace analysis.                                                                          | 0,3   | GC-MS                        | 5     |
| Chlorinated Solvents            | Perchloroethylene*                        | 127-18-4 | Extraction / Derivation followed by GC-MS analysis                                                 | 0,3   | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1    | GC-MS Headspace analysis.                                                                          | 0,3   | GC-MS                        | 5     |
| Chlorinated Solvents            | Tetrachloromethane - Carbon tetrachloride | 56-23-5  | Extraction / Derivation followed by GC-MS analysis                                                 | 0,3   | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1    | GC-MS Headspace analysis.                                                                          | 0,3   | GC-MS                        | 5     |
| Chlorinated Solvents            | 1,1,1,2-Tetrachloroethane                 | 630-20-6 | Extraction / Derivation followed by GC-MS analysis                                                 | 0,3   | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1    | GC-MS Headspace analysis.                                                                          | 0,3   | GC-MS                        | 5     |
| Chlorinated Solvents            | Chloroform                                | 67-66-3  | Extraction / Derivation followed by GC-MS analysis                                                 | 0,3   | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1    | GC-MS Headspace analysis.                                                                          | 0,3   | GC-MS                        | 5     |
| Chlorinated Solvents            | 1,1,1-trichloroethane                     | 71-55-6  | Extraction / Derivation followed by GC-MS analysis                                                 | 0,3   | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1    | GC-MS Headspace analysis.                                                                          | 0,3   | GC-MS                        | 5     |
| Chlorinated Solvents            | Dichloromethane - Methylene chloride      | 75-09-2  | Extraction / Derivation followed by GC-MS analysis                                                 | 0,3   | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1    | GC-MS Headspace analysis.                                                                          | 0,3   | GC-MS                        | 5     |
| Chlorinated Solvents            | 1,1-Dichloroethane                        | 75-34-3  | Extraction / Derivation followed by GC-MS analysis                                                 | 0,3   | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1    | GC-MS Headspace analysis.                                                                          | 0,3   | GC-MS                        | 5     |
| Chlorinated Solvents            | 1,1-Dichloroethylene                      | 75-35-4  | Extraction / Derivation followed by GC-MS analysis                                                 | 0,3   | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1    | GC-MS Headspace analysis.                                                                          | 0,3   | GC-MS                        | 5     |
| Chlorinated Solvents            | Pentachloroethane                         | 76-01-7  | Extraction / Derivation followed by GC-MS analysis                                                 | 0,3   | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1    | GC-MS Headspace analysis.                                                                          | 0,3   | GC-MS                        | 5     |
| Chlorinated Solvents            | 1,1,2-Trichloroethane                     | 79-00-5  | Extraction / Derivation followed by GC-MS analysis                                                 | 0,3   | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1    | GC-MS Headspace analysis.                                                                          | 0,3   | GC-MS                        | 5     |
| Chlorinated Solvents            | Trichloroethylene                         | 79-01-6  | Extraction / Derivation followed by GC-MS analysis                                                 | 0,3   | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1    | GC-MS Headspace analysis.                                                                          | 0,3   | GC-MS                        | 40    |
| Chlorinated Solvents            | 1,1,2,2-Tetrachloroethane                 | 79-34-5  | Extraction / Derivation followed by GC-MS analysis                                                 | 0,3   | By Headspace Gas Chromatography Mass Spectrometric (HS – GC/MS) Analysis. | 1    | GC-MS Headspace analysis.                                                                          | 0,3   | GC-MS                        | 5     |

| Group of substances  | Substance              | Cas-Nr     | Output: Product                                    | DL:   | Output: Waste water                                                       | DL:  | Output: Sludge                                                                                     | DL:   | Input: Chemical Formulations | DL:       |
|----------------------|------------------------|------------|----------------------------------------------------|-------|---------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------|-------|------------------------------|-----------|
|                      |                        |            | Test Method                                        | mg/kg | Test Method                                                               | µg/l | Test Method                                                                                        | mg/kg | Test Method                  | mg/kg     |
| Chlorinated Solvents | Hexachlorobutadiene    | 87-68-3    | Solvent extraction and GC-MS or ECD-GC analysis    | 0,01  | Solid-phase extraction and GC-MS or ECD-GC analysis                       | 0,1  | Solvent extraction and GC-MS or ECD-GC analysis                                                    | 0,01  | GC-MS                        | 5         |
| Chlorinated Solvents | 1,2,3-trichloropropane | 96-18-4    | Solvent extraction and GC-MS analysis              | 10    | EPA 5021 A:2014 + EPA 8206:2006 metodo GC-MS                              | 0,01 | Best current testing technology using lowest detection/reporting limits always updated and applied |       | GC-MS                        | 5         |
| Chlorophenols        | 4-Chlorophenol         | 106-48-9   | Extraction / Derivation followed by GC-MS analysis | 0,025 | US EPA 8270 D, ISO14154:2005                                              | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.                         | 0,025 | GC-MS, EN ISO 17070          | Sum<br>50 |
| Chlorophenols        | 3-Chlorophenol         | 108-43-0   | Extraction / Derivation followed by GC-MS analysis | 0,025 | US EPA 8270 D, ISO14154:2005                                              | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.                         | 0,025 |                              |           |
| Chlorophenols        | 2-Chlorophenol         | 95-57-8    | Extraction / Derivation followed by GC-MS analysis | 0,025 | US EPA 8270 D, ISO14154:2005                                              | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.                         | 0,025 |                              |           |
| Chlorophenols        | Monochlorophenols      | Various    | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.                         | 0,025 |                              |           |
| Chlorophenols        | 2,4-dichlorophenol     | 120-83-2   | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.                         | 0,025 |                              |           |
| Chlorophenols        | Dichlorophenols (DICP) | 25167-81-1 | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.                         | 0,025 |                              |           |
| Chlorophenols        | 2,3-dichlorophenol     | 576-24-9   | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.                         | 0,025 |                              |           |
| Chlorophenols        | 2,5-dichlorophenol     | 583-78-8   | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.                         | 0,025 |                              |           |
| Chlorophenols        | 3, 5-dichlorophenol    | 591-35-5   | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.                         | 0,025 |                              |           |
| Chlorophenols        | 3, 4-dichlorophenol    | 95-77-2    | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.                         | 0,025 |                              |           |
| Chlorophenols        | 2,6-Dichlorophenol     | 87-65-0    | Extraction / Derivation followed by GC-MS analysis | 0,025 | US EPA 8270 D, ISO14154:2005                                              | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.                         | 0,025 |                              |           |
| Chlorophenols        | 3,4,5-trichlorophenol  | 609-19-8   | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.                         | 0,025 |                              |           |
| Chlorophenols        | 2,4,6-trichlorophenol  | 88-06-2    | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.                         | 0,025 |                              |           |
| Chlorophenols        | 2,3,6-trichlorophenol  | 933-75-5   | Extraction / Derivation followed by GC-MS analysis | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis. | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.                         | 0,025 |                              |           |

| Group of substances          | Substance                                        | Cas-Nr     | Output: Product                                                                               | DL:   | Output: Waste water                                                            | DL:  | Output: Sludge                                                                 | DL:   | Input: Chemical Formulations                                                                        | DL:    |
|------------------------------|--------------------------------------------------|------------|-----------------------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------------------------|--------|
|                              |                                                  |            | Test Method                                                                                   | mg/kg | Test Method                                                                    | µg/l | Test Method                                                                    | mg/kg | Test Method                                                                                         | mg/kg  |
| Chlorophenols                | 2,3,5-trichlorophenol                            | 933-78-8   | Extraction / Derivation followed by GC-MS analysis                                            | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis.      | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.     | 0,025 | GC-MS, EN ISO 17070                                                                                 |        |
| Chlorophenols                | Trichlorophenol (TriCP)                          | 25167-82-2 | Extraction / Derivation followed by GC-MS analysis                                            | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis.      | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.     | 0,025 |                                                                                                     |        |
| Chlorophenols                | 2,4,5-trichlorophenol                            | 95-95-4    | Extraction / Derivation followed by GC-MS analysis                                            | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis.      | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.     | 0,025 |                                                                                                     |        |
| Chlorophenols                | 2,3,4-trichlorophenol                            | 15950-66-0 | Extraction / Derivation followed by GC-MS analysis                                            | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis.      | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.     | 0,025 |                                                                                                     |        |
| Chlorophenols                | o-Phenylphenol (OPP)                             | 90-43-7    | Solid-phase extraction and GC-MS or LC-MS/MS analysis                                         | 1     | Solid-phase extraction and GC-MS or LC-MS/MS analysis                          | 10   | Extraction and and GC-MS or LC-MS/MS analysis                                  | 1     |                                                                                                     |        |
| Chlorophenols                | Dichlorophene [2,2'-Methylenbis(4-chlorophenol)] | 97-23-4    | Solvent extraction, and LC-MS/MS analysis or derivatization and GC-MS analysis                | 1     | Solvent extraction, and LC-MS/MS analysis or derivatization and GC-MS analysis | 10   | Solvent extraction, and LC-MS/MS analysis or derivatization and GC-MS analysis | 1     |                                                                                                     |        |
| Chlorophenols                | Tetrachlorophenols (TeCP)                        | 25167-83-3 | Extraction / Derivation followed by GC-MS analysis                                            | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis.      | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.     | 0,025 | GC-MS, EN ISO 17070                                                                                 | Sum 20 |
| Chlorophenols                | 2,3,4,5-Tetrachlorophenol                        | 4901-51-3  | Extraction / Derivation followed by GC-MS analysis                                            | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis.      | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.     | 0,025 |                                                                                                     |        |
| Chlorophenols                | 2,3,4,6-Tetrachlorophenol                        | 58-90-2    | Extraction / Derivation followed by GC-MS analysis                                            | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis.      | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.     | 0,025 |                                                                                                     |        |
| Chlorophenols                | 2,3,5,6-tetrachlorophenol                        | 935-95-5   | Extraction / Derivation followed by GC-MS analysis                                            | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis.      | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.     | 0,025 |                                                                                                     |        |
| Chlorophenols                | Pentachlorophenols (PCP) #                       | 87-86-5    | Extraction / Derivation followed by GC-MS analysis                                            | 0,025 | Liquid extraction, derivatisation, with acetic anhydride, GC-MS analysis.      | 0,5  | Solvent extraction, derivatisation, with acetic anhydride, GC-MS analysis.     | 0,025 |                                                                                                     |        |
| SCCP & Chlorinated Paraffins | SCCP C10-13                                      | 85535-84-8 | Solvent Extraction & GC-CE analysis.                                                          | 0,03  | Liquid extraction with toluene, GC-MS resp. LC/MS analysis.                    | 0,4  | Solvent extraction with toluene, GC-MS resp. LC/MS analysis.                   | 0,03  | Gas chromatography/ electron capture negative ion-mass spectrometry (GC/ECNI-MS)                    | 50     |
| SCCP & Chlorinated Paraffins | MCCP (C14-C17)                                   | 85535-85-9 | Combined CADS/ISO 18219:2015 method V1:06/17; Extraction: ISO 18219 and analysis by GC-NCI-MS | 100   | Not applicable                                                                 |      | Not applicable                                                                 |       | Not applicable                                                                                      |        |
| Metals                       | Total Arsenic - As - 7440-38-2 or others         | Multiple   | Mineralization and ICP-MS analysis                                                            | 0,1   | Mineralization and ICP-MS analysis                                             | 0,1  | Mineralization and ICP-MS analysis                                             | 0,1   | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 50     |
| Metals                       | Total Cadmium - Cd - 7440-43-9 or others         | Multiple   | EN 1122-2001 / Acid Digestion followed by ICP analysis. (Total)                               | 1     | Digestion, ICP analysis.                                                       | 0,1  | Digestion, ICP analysis.                                                       | 1     | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 20     |
| Metals                       | Total Mercury - Hg - 7439-97-6 or others         | Multiple   | ISO 105-E04 acid perspiration extraction & ICP analysis. Extractable)                         | 0,006 | Digestion, ICP analysis.                                                       | 0,05 | Digestion, ICP analysis.                                                       | 0,006 | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 4      |

| Group of substances | Substance                                                | Cas-Nr   | Output: Product                                                                                    | DL:   | Output: Waste water                                                                                | DL:  | Output: Sludge                                                                                     | DL:   | Input: Chemical Formulations                                                                        | DL:   |
|---------------------|----------------------------------------------------------|----------|----------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------------------------|-------|
|                     |                                                          |          | Test Method                                                                                        | mg/kg | Test Method                                                                                        | µg/l | Test Method                                                                                        | mg/kg | Test Method                                                                                         | mg/kg |
| Metals              | Total Lead - Pb - 7439-92-1, 7439-97-6 or others         | Multiple | EN 1122-2001 / Acid Digestion followed by ICP analysis. (Total)                                    | 1     | Digestion, ICP analysis.                                                                           | 1    | Digestion, ICP analysis.                                                                           | 1     | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 100   |
| Metals              | Total Hexavalent Chromium - Cr VI - 18540-29-9 or others | Multiple | DIN 53314-1996 UNE EN 17075:2008                                                                   | 1     | Digestion, ICP analysis.                                                                           | 1    | Digestion, ICP analysis.                                                                           | 1     | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10    |
| Metals              | Beryllium oxide - 1304-56-9 or others                    | Multiple | Mineralization and ICP-MS analysis                                                                 | 0,1   | Mineralization and ICP-MS analysis                                                                 | 0,1  | Mineralization and ICP-MS analysis                                                                 | 0,1   | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10    |
| Metals              | Vanadium pentoxide - 1314-62-1 or others                 | Multiple | Mineralization and ICP-MS analysis                                                                 | 0,1   | Mineralization and ICP-MS analysis                                                                 | 0,1  | Mineralization and ICP-MS analysis                                                                 | 0,1   | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10    |
| Metals              | Total Beryllium - Be - 7440-41-7 or others               | Multiple | Mineralization and ICP-MS analysis                                                                 | 0,1   | Mineralization and ICP-MS analysis                                                                 | 0,1  | Mineralization and ICP-MS analysis                                                                 | 0,1   | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10    |
| Metals              | Total Nickel - Ni - 7440-02-0 or others                  | Multiple | Mineralization and ICP-MS analysis                                                                 | 0,1   | Mineralization and ICP-MS analysis                                                                 | 0,1  | Mineralization and ICP-MS analysis                                                                 | 0,1   | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10    |
| Metals              | Total Antimony - Sb - 7440-36-0 or others                | Multiple | Mineralization and ICP-MS analysis                                                                 | 0,1   | Mineralization and ICP-MS analysis                                                                 | 0,1  | Mineralization and ICP-MS analysis                                                                 | 0,1   | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10    |
| Metals              | Total Cobalt - Co - 7440-48-4 or others                  | Multiple | Mineralization and ICP-MS analysis                                                                 | 0,1   | Mineralization and ICP-MS analysis                                                                 | 0,1  | Mineralization and ICP-MS analysis                                                                 | 0,1   | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10    |
| Metals              | Al - Aluminium oxide - 1344-28-1 or others               | Multiple | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10    |
| Metals              | Ti - Titanium dioxide - 13463-67-7 or others             | Multiple | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10    |
| Metals              | Total Silver - Ag                                        | Multiple | Best current testing technology using lowest detection/reporting limits always updated and applied |       | ISO 11885                                                                                          | 5    | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10    |
| Metals              | Total Chromium - Cr - 7440-47-3 or others                | Multiple | Best current testing technology using lowest detection/reporting limits always updated and applied |       | ISO 11885                                                                                          | 50   | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10    |
| Metals              | Total Copper - Cu - 7440-50-8 or others                  | Multiple | Best current testing technology using lowest detection/reporting limits always updated and applied |       | ISO 11885                                                                                          | 250  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10    |
| Metals              | Cyanide (CN-)                                            | Multiple | Best current testing technology using lowest detection/reporting limits always updated and applied |       | ISO 6703-1,2,-3 or ISO 14403-1,-2                                                                  | 50   | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10    |
| Metals              | Total Zinc - Zn - 7440-66-6 or others                    | Multiple | Best current testing technology using lowest detection/reporting limits always updated and applied |       | ISO 11885                                                                                          | 500  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Inductively coupled plasma- optical emission spectrometry (ICP-OES), atomic absorption spectroscopy | 10    |
| Metals              | As - Arsenic - Extractable - 7440-38-2 or others         | Multiple | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017                                     | 0,1   | Not applicable                                                                                     |      | Not applicable                                                                                     |       | Not applicable                                                                                      |       |



| Group of substances | Substance                                                                     | Cas-Nr     | Output: Product                                                                                                 | DL:   | Output: Waste water                               | DL:  | Output: Sludge                                | DL:   | Input: Chemical Formulations                                                                       | DL:   |
|---------------------|-------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------|------|-----------------------------------------------|-------|----------------------------------------------------------------------------------------------------|-------|
|                     |                                                                               |            | Test Method                                                                                                     | mg/kg | Test Method                                       | µg/l | Test Method                                   | mg/kg | Test Method                                                                                        | mg/kg |
| Metals              | Ba - Barium - Extractable - 7440-39-3 or others                               | Multiple   | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017                                                  | 100   | Not applicable                                    |      | Not applicable                                |       | Not applicable                                                                                     |       |
| Metals              | Cd - Cadmium - Extractable - 7440-43-9 or others                              | Multiple   | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017                                                  | 0,05  | Not applicable                                    |      | Not applicable                                |       | Not applicable                                                                                     |       |
| Metals              | Co - Cobalt - Extractable - 7440-48-4 or others                               | Multiple   | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017                                                  | 0,5   | Not applicable                                    |      | Not applicable                                |       | Not applicable                                                                                     |       |
| Metals              | Cr - Chromium - Extractable - 7440-47-3 or others                             | Multiple   | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017                                                  | 0,5   | Not applicable                                    |      | Not applicable                                |       | Not applicable                                                                                     |       |
| Metals              | Cr VI - Chromium VI - Extractable - 18540-29-9 or others                      | Multiple   | Textile: DIN EN 16711-2:2016, with EN ISO 17075-1:2017 if CrEXT is detected; Leather EN ISO 17075-1:2017 and EN | 0,5   | Not applicable                                    |      | Not applicable                                |       | Not applicable                                                                                     |       |
| Metals              | Cu - Copper - Extractable - 7440-50-8 or others                               | Multiple   | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017                                                  | 5     | Not applicable                                    |      | Not applicable                                |       | Not applicable                                                                                     |       |
| Metals              | Hg - Mercury - Extractable - 7439-97-6 or others                              | Multiple   | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017                                                  | 0,02  | Not applicable                                    |      | Not applicable                                |       | Not applicable                                                                                     |       |
| Metals              | Ni - Nickel - Extractable - 7440-02-0 or others                               | Multiple   | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017                                                  | 0,1   | Not applicable                                    |      | Not applicable                                |       | Not applicable                                                                                     |       |
| Metals              | Ni - Nickel - Release - 7440-02-0 or others                                   | Multiple   | EN 12472:2005+A1:2009 and EN 1811:2015                                                                          | 0,2   | Not applicable                                    |      | Not applicable                                |       | Not applicable                                                                                     |       |
| Metals              | Pb - Lead - Extractable 7439-92-1, 7439-97-6 or others                        | Multiple   | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017                                                  | 0,1   | Not applicable                                    |      | Not applicable                                |       | Not applicable                                                                                     |       |
| Metals              | Sb - Antimony - Extractable - 7440-36-0 or others                             | Multiple   | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017                                                  | 3     | Not applicable                                    |      | Not applicable                                |       | Not applicable                                                                                     |       |
| Metals              | Se - Selenium - Extractable - 7782-49-2 or others                             | Multiple   | Textile: DIN EN 16711-2:2016; Leather: DIN EN ISO 17072-1:2017                                                  | 50    | Not applicable                                    |      | Not applicable                                |       | Not applicable                                                                                     |       |
| Others              | 2,6-di-tert-butyl-4-(1-methylpropyl)-hydroxybenzene                           | 17540-75-9 | Solvent extraction and GC-MS / LC-MS analysis                                                                   | 0,05  | Solid-phase extraction and GC-MS / LC-MS analysis | 0,5  | Solvent extraction and GC-MS / LC-MS analysis | 0,05  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 2,4,6-tri(t-butyl)Phenol                                                      | 732-26-3   | Solvent extraction and GC-MS / LC-MS analysis                                                                   | 0,05  | Solid-phase extraction and GC-MS / LC-MS analysis | 0,5  | Solvent extraction and GC-MS / LC-MS analysis | 0,05  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 2,6-di-tert-butyl-4-(methylthioacetic acid, 2-ethylhexylester)-hydroxybenzene | 80387-97-9 | Solvent extraction and GC-MS / LC-MS analysis                                                                   | 0,05  | Solid-phase extraction and GC-MS / LC-MS analysis | 0,5  | Solvent extraction and GC-MS / LC-MS analysis | 0,05  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 6,6'-di-tert-butyl-4,4'-thiodi-m-cresol                                       | 96-69-5    | Solvent extraction and GC-MS / LC-MS analysis                                                                   | 0,05  | Solid-phase extraction and GC-MS / LC-MS analysis | 0,5  | Solvent extraction and GC-MS / LC-MS analysis | 0,05  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |

| Group of substances | Substance                                                                        | Cas-Nr     | Output: Product                                              | DL:   | Output: Waste water                                 | DL:  | Output: Sludge                                               | DL:   | Input: Chemical Formulations                                                                       | DL:   |
|---------------------|----------------------------------------------------------------------------------|------------|--------------------------------------------------------------|-------|-----------------------------------------------------|------|--------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|-------|
|                     |                                                                                  |            | Test Method                                                  | mg/kg | Test Method                                         | µg/l | Test Method                                                  | mg/kg | Test Method                                                                                        | mg/kg |
| Others              | 1-bromopropane n-propyl bromide                                                  | 106-94-5   | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01  | Solid-phase extraction and GC-MS or ECD-GC analysis | 0,1  | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | dinitrotoluene (isomer mixture)                                                  | 25321-14-6 | Extraction and GC-MS analysis                                | 0,1   | Extraction and GC-MS analysis                       | 1    | Extraction and GC-MS analysis                                | 0,1   | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 2,4-dinitrotoluene                                                               | 121-14-2   | Extraction and GC-MS analysis                                | 0,1   | Extraction and GC-MS analysis                       | 1    | Extraction and GC-MS analysis                                | 0,1   | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 2,3-dinitrotoluene                                                               | 602-01-7   | Extraction and GC-MS analysis                                | 0,1   | Extraction and GC-MS analysis                       | 1    | Extraction and GC-MS analysis                                | 0,1   | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 2,6-Dinitrotoluene                                                               | 606-20-2   | Extraction and GC-MS analysis                                | 0,1   | Extraction and GC-MS analysis                       | 1    | Extraction and GC-MS analysis                                | 0,1   | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 3,4-dinitrotoluene                                                               | 610-39-9   | Extraction and GC-MS analysis                                | 0,1   | Extraction and GC-MS analysis                       | 1    | Extraction and GC-MS analysis                                | 0,1   | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 3,5-dinitrotoluene                                                               | 618-85-9   | Extraction and GC-MS analysis                                | 0,1   | Extraction and GC-MS analysis                       | 1    | Extraction and GC-MS analysis                                | 0,1   | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 2,5-dinitrotoluene                                                               | 619-15-8   | Extraction and GC-MS analysis                                | 0,1   | Extraction and GC-MS analysis                       | 1    | Extraction and GC-MS analysis                                | 0,1   | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Epichlorohydrin                                                                  | 106-89-8   | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01  | Solid-phase extraction and GC-MS or ECD-GC analysis | 0,1  | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | phenyl glycidyl ether ; 2,3-epoxypropyl phenyl ether; 1,2-epoxy-3-phenoxypropane | 122-60-1   | Solvent extraction or headspace and GC-MS analysis           | 0,01  | Solid-phase extraction and GC-MS analysis           | 0,1  | Solvent extraction or headspace and GC-MS analysis           | 0,01  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 2,2'-bioxirane [1,2 3,4-diepoxybutane]                                           | 1464-53-5  | Solvent extraction or headspace and GC-MS analysis           | 0,01  | Solid-phase extraction and GC-MS analysis           | 0,1  | Solvent extraction or headspace and GC-MS analysis           | 0,01  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | O2,3-epoxypropyltrimethylammonium chloride; EPTAC; Oxiranemethanaminium, N,N,N-  | 3033-77-0  | Solvent extraction and LC-MS/MS analysis                     | 0,01  | Solid-phase extraction and LC-MS/MS analysis        | 0,1  | Solvent extraction and LC-MS/MS analysis                     | 0,01  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | R-1-chloro-2,3-epoxypropane                                                      | 51594-55-9 | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01  | Solid-phase extraction and GC-MS or ECD-GC analysis | 0,1  | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Glycidol [2,3-epoxy-1-propanol]                                                  | 556-52-5   | Solvent extraction or headspace and GC-MS analysis           | 0,01  | Solid-phase extraction and GC-MS analysis           | 0,1  | Solvent extraction or headspace and GC-MS analysis           | 0,01  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | R-2,3-epoxy-1-propanol                                                           | 57044-25-4 | Solvent extraction or headspace and GC-MS analysis           | 0,01  | Solid-phase extraction and GC-MS analysis           | 0,1  | Solvent extraction or headspace and GC-MS analysis           | 0,01  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 1,3,5-tris-[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine 2,4,6-(1H,3H,5H)-trione  | 59653-74-6 | Solvent extraction and LC-MS/MS analysis                     | 0,1   | Solid-phase extraction and LC-MS/MS analysis        | 1    | Solvent extraction and LC-MS/MS analysis                     | 0,1   | Best current testing technology using lowest detection/reporting limits always updated and applied |       |

| Group of substances | Substance                                         | Cas-Nr     | Output: Product                                                | DL:   | Output: Waste water                                            | DL:  | Output: Sludge                                                 | DL:   | Input: Chemical Formulations                                                                       | DL:   |
|---------------------|---------------------------------------------------|------------|----------------------------------------------------------------|-------|----------------------------------------------------------------|------|----------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|-------|
|                     |                                                   |            | Test Method                                                    | mg/kg | Test Method                                                    | µg/l | Test Method                                                    | mg/kg | Test Method                                                                                        | mg/kg |
| Others              | oxiranemethanol, 4-methylbenzene-sulfonate, (S)   | 70987-78-9 | Solvent extraction and LC-MS/MS analysis                       | 1     | Solid-phase extraction and LC-MS/MS analysis                   | 10   | Solvent extraction and LC-MS/MS analysis                       | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | ethylene oxide; oxirane                           | 75-21-8    | headspace and GC-MS analysis                                   | 1     | headspace and GC-MS analysis                                   | 10   | headspace and GC-MS analysis                                   | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | propylene oxide; 1,2-epoxypropane; methyloxirane  | 75-56-9    | headspace and GC-MS analysis                                   | 1     | headspace and GC-MS analysis                                   | 10   | headspace and GC-MS analysis                                   | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | styrene oxide; (epoxyethyl)benzene; phenyloxirane | 96-09-3    | Solvent extraction or headspace and GC-MS analysis             | 0,01  | Solid-phase extraction and GC-MS analysis                      | 0,1  | Solvent extraction or headspace and GC-MS analysis             | 0,01  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 1,3-Butadiene                                     | 106-99-0   | headspace and GC-MS analysis                                   | 0,1   | headspace and GC-MS analysis                                   | 10   | headspace and GC-MS analysis                                   | 0,1   | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Acrylonitrile                                     | 107-13-1   | headspace and GC-MS analysis                                   | 1     | headspace and GC-MS analysis                                   | 10   | headspace and GC-MS analysis                                   | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | chloroprene (stabilized); 2-chlorobuta-1,3-diene  | 126-99-8   | Solvent extraction or headspace and GC-MS or ECD-GC analysis   | 0,1   | Solid-phase extraction and GC-MS or ECD-GC analysis            | 1    | Solvent extraction or headspace and GC-MS or ECD-GC analysis   | 0,1   | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Ethyl acrylate                                    | 140-88-5   | solvent extraction or headspace and GC-MS analysis             | 1     | solvent extraction or headspace and GC-MS analysis             | 10   | solvent extraction or headspace and GC-MS analysis             | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Urethane (Ethyl carbamate)                        | 51-79-6    | solvent extraction and GC-MS analysis                          | 1     | Solid-phase extraction and GC-MS analysis                      | 10   | solvent extraction and GC-MS analysis                          | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Isobutyl nitrite                                  | 542-56-3   | solvent extraction or headspace and GC-MS analysis             | 1     | solvent extraction or headspace and GC-MS analysis             | 10   | solvent extraction or headspace and GC-MS analysis             | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Vinyl bromide                                     | 593-60-2   | headspace and GC-MS or GC-ECD analysis                         | 1     | headspace and GC-MS or GC-ECD analysis                         | 10   | headspace and GC-MS or GC-ECD analysis                         | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Methylcarbamate                                   | 598-55-0   | solvent extraction or headspace and GC-MS analysis             | 0,1   | solvent extraction or headspace and GC-MS analysis             | 1    | solvent extraction or headspace and GC-MS analysis             | 0,1   | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Vinyl chloride                                    | 75-01-4    | headspace and GC-MS or GC-ECD analysis                         | 1     | headspace and GC-MS or GC-ECD analysis                         | 10   | headspace and GC-MS or GC-ECD analysis                         | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Acetaldehyde                                      | 75-07-0    | derivatization with DNPH and LC-MS/MS analysis                 | 0,5   | derivatization with DNPH and LC-MS/MS analysis                 | 10   | derivatization with DNPH and LC-MS/MS analysis                 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Isoprene                                          | 78-79-5    | solvent extraction or headspace and GC-MS analysis             | 0,1   | solvent extraction or headspace and GC-MS analysis             | 1    | solvent extraction or headspace and GC-MS analysis             | 0,1   | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Acrylamide                                        | 79-06-1    | headspace and GC-MS or solvent extraction and HPLC-UV analysis | 1     | headspace and GC-MS or solvent extraction and HPLC-UV analysis | 10   | headspace and GC-MS or solvent extraction and HPLC-UV analysis | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |

| Group of substances | Substance                                                          | Cas-Nr      | Output: Product                                                | DL:   | Output: Waste water                                            | DL:  | Output: Sludge                                                 | DL:   | Input: Chemical Formulations                                                                       | DL:   |
|---------------------|--------------------------------------------------------------------|-------------|----------------------------------------------------------------|-------|----------------------------------------------------------------|------|----------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|-------|
|                     |                                                                    |             | Test Method                                                    | mg/kg | Test Method                                                    | µg/l | Test Method                                                    | mg/kg | Test Method                                                                                        | mg/kg |
| Others              | N-Vinyl-2-pyrrolidinone                                            | 88-12-0     | solvent extraction and GC-MS analysis                          | 1     | Solid-phase extraction and GC-MS analysis                      | 1    | solvent extraction and GC-MS analysis                          | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | N-Methylolacrylamide                                               | 924-42-5    | headspace and GC-MS or solvent extraction and HPLC-UV analysis | 1     | headspace and GC-MS or solvent extraction and HPLC-UV analysis | 10   | headspace and GC-MS or solvent extraction and HPLC-UV analysis | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | extracts, petroleum, light naphthenic distillate solvent           | 64742-03-6  | Solvent extraction, and GC-MS/analysis                         | 1     | Solid-phase extraction and GC-MS analysis                      | 10   | Solvent extraction, and GC-MS/analysis                         | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | distillate aromatic extract                                        | 64742-04-7  | Solvent extraction, and GC-MS/analysis                         | 1     | Solid-phase extraction and GC-MS analysis                      | 101  | Solvent extraction, and GC-MS/analysis                         | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | extracts, petroleum, light paraffinic distillate solvent           | 64742-05-8  | Solvent extraction, and GC-MS/analysis                         | 1     | Solid-phase extraction and GC-MS analysis                      | 10   | Solvent extraction, and GC-MS/analysis                         | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | benzin 140 - 300                                                   | 8002-05-9   | Solvent extraction, and GC-MS/analysis                         | 1     | Solid-phase extraction and GC-MS analysis                      | 10   | Solvent extraction, and GC-MS/analysis                         | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | N-(1,4-Dimethylpentyl)-N'-phenyl-benzen-1,4-diamin                 | 3081-01-4   | Solvent extraction and GC-MS / LC-MS analysis                  | 0,1   | Solid-phase extraction and GC-MS / or LC-MS analysis           | 10   | Solvent extraction and GC-MS / LC-MS analysis                  | 0,1   | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Phenylhydrazine                                                    | 100-63-0    | Solvent extraction, and GC-MS or LC-MS/MS analysis             | 1     | Solid-phase extraction and GC-MS or LC-MS/MS analysis          | 10   | Solvent extraction, and GC-MS or LC-MS/MS analysis             | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Michler's base (N,N,N',N'-tetramethyl-4,4'methylenedianiline)      | 101-61-1    | Extraction and LC-MS/MS analysis                               | 1     | LC-MS/MS analysis                                              | 10   | Extraction and LC-MS/MS analysis                               | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Azobenzene                                                         | 103-33-3    | Extraction and GC-MS or LC-MS/MS analysis                      | 1     | GC-MS or LC-MS/MS analysis                                     | 10   | Extraction and GC-MS or LC-MS/MS analysis                      | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | O-isobutyl-N-ethoxy carbonylthiocarbamate                          | 103122-66-3 | Solvent extraction, and GC-MS or LC-MS/MS analysis             | 1     | Solid-phase extraction and GC-MS or LC-MS/MS analysis          | 10   | Solvent extraction, and GC-MS or LC-MS/MS analysis             | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Boric Acid, sodium salt                                            | 10332-33-9  | Mineralization and ICP-MS analysis                             | 5     | Mineralization and ICP-MS analysis                             | 50   | Mineralization and ICP-MS analysis                             | 5     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | perboric acid, sodium salt                                         | 10486-00-7  | Mineralization and ICP-MS analysis                             | 5     | Mineralization and ICP-MS analysis                             | 50   | Mineralization and ICP-MS analysis                             | 5     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | (4-ethoxyphenyl)(3-(4-fluoro-3-phenoxyphenyl)propyl)dimethylsilane | 105024-66-6 | Extraction and LC-MS/MS analysis                               | 1     | Extraction and LC-MS/MS analysis                               | 10   | Extraction and LC-MS/MS analysis                               | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Carbendazim (N-2-benzimidazolecarbamic acid methyl ester)          | 10605-21-7  | LC-MS/MS analysis or GC-MS analysis                            | 1     | LC-MS/MS analysis or GC-MS analysis                            | 10   | LC-MS/MS analysis or GC-MS analysis                            | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Pyridine                                                           | 110-86-1    | Extraction and GC-MS analysis                                  | 10    | Extraction and GC-MS analysis                                  | 100  | Extraction and GC-MS analysis                                  | 10    | Best current testing technology using lowest detection/reporting limits always updated and applied |       |

| Group of substances | Substance                                               | Cas-Nr     | Output: Product                                             | DL:   | Output: Waste water                                                     | DL:  | Output: Sludge                                              | DL:   | Input: Chemical Formulations                                                                       | DL:   |
|---------------------|---------------------------------------------------------|------------|-------------------------------------------------------------|-------|-------------------------------------------------------------------------|------|-------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|-------|
|                     |                                                         |            | Test Method                                                 | mg/kg | Test Method                                                             | µg/l | Test Method                                                 | mg/kg | Test Method                                                                                        | mg/kg |
| Others              | AEEA [2-(2-aminoethylamino)ethanol]                     | 111-41-1   | Extraction and GC-MS or LC-MS/MS analysis                   | 1     | GC-MS or LC-MS/MS analysis                                              | 10   | Extraction and GC-MS or LC-MS/MS analysis                   | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Diethanolamine                                          | 111-42-2   | LC-MS/MS analysis or GC-MS analysis                         | 0,1   | LC-MS/MS analysis or GC-MS analysis                                     | 10   | LC-MS/MS analysis or GC-MS analysis                         | 0,1   | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | perboric acid, sodium salt                              | 11138-47-9 | Mineralization and ICP-MS analysis                          | 5     | Mineralization and ICP-MS analysis                                      | 50   | Mineralization and ICP-MS analysis                          | 5     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Benzophenone                                            | 119-61-9   | Solvent extraction or headspace and GC-MS analysis          | 0,01  | Solid-phase extraction or headspace and GC-MS analysis                  | 1    | Solvent extraction or headspace and GC-MS analysis          | 0,01  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | perboric acid, sodium salt                              | 12040-72-1 | Mineralization and ICP-MS analysis                          | 5     | Mineralization and ICP-MS analysis                                      | 50   | Mineralization and ICP-MS analysis                          | 5     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Sodium tetraborate                                      | 12179-04-3 | Mineralization and ICP-MS analysis                          | 5     | Mineralization and ICP-MS analysis                                      | 50   | Mineralization and ICP-MS analysis                          | 5     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | hydrazobenzene                                          | 122-66-7   | Extraction and GC-MS or LC-MS/MS analysis                   | 1     | GC-MS or LC-MS/MS analysis                                              | 10   | Extraction and GC-MS or LC-MS/MS analysis                   | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | hydroquinone (1,4-Dihydroxybenzene)                     | 123-31-9   | Extraction and GC-MS or LC-MS/MS analysis                   | 1     | GC-MS or LC-MS/MS analysis                                              | 10   | Extraction and GC-MS or LC-MS/MS analysis                   | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Diazene-1,2-dicarboxamide [C,C'-azodi(formamide), ADCA] | 123-77-3   | LC-MS/MS analysis or GC-MS analysis                         | 1     | LC-MS/MS analysis or GC-MS analysis                                     | 10   | LC-MS/MS analysis or GC-MS analysis                         | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 2-ethylhexyl diphenyl phosphate                         | 1241-94-7  | Solvent extraction and GC-MS / LC-MS analysis               | 0,01  | Solid-phase extraction and GC-MS / LC-MS analysis                       | 0,01 | Solvent extraction and GC-MS / LC-MS analysis               | 0,01  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | dimethyldithiocarbamate, Potassium salt                 | 128-03-0   | Solvent extraction, and LC-MS/MS analysis or GC-MS analysis | 0,05  | Solvent extraction, and LC-MS/MS analysis or GC-MS analysis             | 1    | Solvent extraction, and LC-MS/MS analysis or GC-MS analysis | 0,05  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | dimethyldithiocarbamate, Sodium salt                    | 128-04-1   | Solvent extraction, and LC-MS/MS analysis or GC-MS analysis | 0,05  | Solvent extraction, and LC-MS/MS analysis or GC-MS analysis             | 1    | Solvent extraction, and LC-MS/MS analysis or GC-MS analysis | 0,05  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | o-Phenylphenate, sodium                                 | 132-27-4   | Solvent extraction, and GC-MS or LC-MS/MS analysis          | 1     | acidification and Solid-phase extraction and GC-MS or LC-MS/MS analysis | 10   | Solvent extraction, and GC-MS or LC-MS/MS analysis          | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Boric acid, zinc salt                                   | 1332-07-6  | Mineralization and ICP-MS analysis                          | 5     | Mineralization and ICP-MS analysis                                      | 50   | Mineralization and ICP-MS analysis                          | 5     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | N-(2-Naphthyl)anilin                                    | 135-88-6   | Extraction and LC-MS/MS analysis                            | 1     | LC-MS/MS analysis                                                       | 10   | Extraction and LC-MS/MS analysis                            | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | perboric acid, sodium salt                              | 13517-20-9 | Mineralization and ICP-MS analysis                          | 5     | Mineralization and ICP-MS analysis                                      | 50   | Mineralization and ICP-MS analysis                          | 5     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |

| Group of substances | Substance                                                                | Cas-Nr      | Output: Product                                                                | DL:   | Output: Waste water                                                            | DL:  | Output: Sludge                                                                 | DL:   | Input: Chemical Formulations                                                                       | DL:   |
|---------------------|--------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|-------|
|                     |                                                                          |             | Test Method                                                                    | mg/kg | Test Method                                                                    | µg/l | Test Method                                                                    | mg/kg | Test Method                                                                                        | mg/kg |
| Others              | Diazoaminobenzene                                                        | 136-35-6    | Extraction and LC-MS/MS analysis                                               | 1     | LC-MS/MS analysis                                                              | 10   | Extraction and LC-MS/MS analysis                                               | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Metam sodium                                                             | 137-42-8    | LC-MS/MS analysis                                                              | 1     | LC-MS/MS analysis                                                              | 10   | LC-MS/MS analysis                                                              | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | N,N'-Bis-(1-ethyl-3-methylpentyl)-1,4-benzendiamin                       | 139-60-6    | Extraction and GC-MS or LC-MS/MS analysis                                      | 1     | GC-MS or LC-MS/MS analysis                                                     | 10   | Extraction and GC-MS or LC-MS/MS analysis                                      | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Disodium ethylenebis(N,N'-dithiocarbamate)                               | 142-59-6    | Solvent extraction, and LC-MS/MS analysis or GC-MS analysis                    | 0,05  | Solvent extraction, and LC-MS/MS analysis or GC-MS analysis                    | 1    | Solvent extraction, and LC-MS/MS analysis or GC-MS analysis                    | 0,05  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | perboric acid, sodium salt                                               | 15120-21-5  | Mineralization and ICP-MS analysis                                             | 5     | Mineralization and ICP-MS analysis                                             | 50   | Mineralization and ICP-MS analysis                                             | 5     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 7-Methoxy-6-(3-morpholin-4-ylpropoxy)quinazolin-4(3H)-one                | 199327-61-2 | Extraction and LC-MS/MS analysis                                               | 1     | LC-MS/MS analysis                                                              | 10   | Extraction and LC-MS/MS analysis                                               | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 2-chloro-6-fluoro-phenol                                                 | 2040-90-6   | Solvent extraction, and LC-MS/MS analysis or derivatization and GC-MS analysis | 1     | Solvent extraction, and LC-MS/MS analysis or derivatization and GC-MS analysis | 10   | Solvent extraction, and LC-MS/MS analysis or derivatization and GC-MS analysis | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 1-(2-amino-5-chlorophenyl)-2,2,2-trifluoro-1,1-ethanediol, hydrochloride | 214353-17-0 | Extraction and GC-MS or LC-MS/MS analysis                                      | 1     | Extraction and GC-MS or LC-MS/MS analysis                                      | 10   | Extraction and GC-MS or LC-MS/MS analysis                                      | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Triglycidylisocyanurate (TGIC)                                           | 2451-62-9   | Solvent extraction, and LC-MS/MS analysis                                      | 1     | Solvent extraction, and LC-MS/MS analysis                                      | 10   | Solvent extraction, and LC-MS/MS analysis                                      | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | (BHA) Butylated hydroxyanisole                                           | 25013-16-5  | Extraction and GC-MS or LC-MS/MS analysis                                      | 1     | Extraction and GC-MS or LC-MS/MS analysis                                      | 10   | Extraction and GC-MS or LC-MS/MS analysis                                      | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 2-(2H-Benzotriazol-2-yl)-4,6-bis(1,1-dimethylpropyl)fenol                | 25973-55-1  | LC-MS/MS analysis or GC-MS analysis                                            | 1     | LC-MS/MS analysis or GC-MS analysis                                            | 10   | LC-MS/MS analysis or GC-MS analysis                                            | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Toluene diisocyanate (1,3-)                                              | 26471-62-5  | Solvent extraction, derivatization and LC-MS/MS analysis                       | 1     | Solvent extraction, derivatization and LC-MS/MS analysis                       | 10   | Solvent extraction, derivatization and LC-MS/MS analysis                       | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | phenylhydrazine hydrochloride                                            | 27140-08-5  | Solvent extraction, and LC-MS/MS analysis                                      | 1     | Solid-phase extraction and GC-MS or LC-MS/MS analysis                          | 10   | Solvent extraction, and LC-MS/MS analysis                                      | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | N,N-(dimethylamino)thioacetamide hydrochloride                           | 27366-72-9  | Extraction and LC-MS/MS analysis                                               | 10    | LC-MS/MS analysis                                                              | 100  | Extraction and LC-MS/MS analysis                                               | 10    | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl) phenol             | 3147-75-9   | LC-MS/MS analysis or GC-MS analysis                                            | 1     | LC-MS/MS analysis or GC-MS analysis                                            | 10   | LC-MS/MS analysis or GC-MS analysis                                            | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 3-(4-methylbenzylidene) camphor                                          | 36861-47-9  | Solvent extraction, and GC-MS analysis                                         | 1     | Solvent extraction, and GC-MS analysis                                         | 10   | Solvent extraction, and GC-MS analysis                                         | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |

| Group of substances | Substance                                             | Cas-Nr     | Output: Product                                              | DL:   | Output: Waste water                                      | DL:  | Output: Sludge                                               | DL:   | Input: Chemical Formulations                                                                       | DL:   |
|---------------------|-------------------------------------------------------|------------|--------------------------------------------------------------|-------|----------------------------------------------------------|------|--------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|-------|
|                     |                                                       |            | Test Method                                                  | mg/kg | Test Method                                              | µg/l | Test Method                                                  | mg/kg | Test Method                                                                                        | mg/kg |
| Others              | chloro-N,N-dimethylformiminium chloride               | 3724-43-4  | Extraction and LC-MS/MS analysis                             | 1     | LC-MS/MS analysis                                        | 10   | Extraction and LC-MS/MS analysis                             | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | perboric acid, sodium salt                            | 37244-98-7 | Mineralization and ICP-MS analysis                           | 5     | Mineralization and ICP-MS analysis                       | 50   | Mineralization and ICP-MS analysis                           | 5     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 2-(2'-Hydroxy-3,5'-di-tert.butylphenyl)-benzotriazole | 3846-71-7  | LC-MS/MS analysis                                            | 1     | LC-MS/MS analysis                                        | 10   | LC-MS/MS analysis                                            | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | (2-chloroethyl)(3-hydroxypropyl)ammonium chloride     | 40722-80-3 | Extraction and LC-MS/MS analysis                             | 0,1   | Extraction and LC-MS/MS analysis                         | 1    | Extraction and LC-MS/MS analysis                             | 0,1   | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Trimethyl phosphate                                   | 512-56-1   | Extraction and GC-MS analysis                                | 1     | Extraction and GC-MS analysis                            | 10   | Extraction and GC-MS analysis                                | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 4,4'-Methylenbis(N-(1-methylpropyl)benzolamin)        | 5285-60-9  | Extraction and GC-MS or LC-MS/MS analysis                    | 1     | Extraction and GC-MS or LC-MS/MS analysis                | 10   | Extraction and GC-MS or LC-MS/MS analysis                    | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 1,2-Dimethylhydrazine                                 | 540-73-8   | LC-MS/MS analysis or GC-MS analysis                          | 1     | LC-MS/MS analysis or GC-MS analysis                      | 10   | LC-MS/MS analysis or GC-MS analysis                          | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Bis(chloromethyl)ether                                | 542-88-1   | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01  | Solid-phase extraction and GC-MS or ECD-GC analysis      | 0,1  | Solvent extraction or headspace and GC-MS or ECD-GC analysis | 0,01  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 1,1-Dimethylhydrazine (UDMH)                          | 57-14-7    | GC-MS analysis                                               | 1     | GC-MS analysis                                           | 10   | GC-MS analysis                                               | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 2-nitronaphthalene                                    | 581-89-5   | Extraction and GC-MS analysis                                | 10    | Extraction and GC-MS analysis                            | 100  | Extraction and GC-MS analysis                                | 10    | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | toluene diisocyanate (2,4-)                           | 584-84-9   | Solvent extraction, derivatization and LC-MS/MS analysis     | 1     | Solvent extraction, derivatization and LC-MS/MS analysis | 10   | Solvent extraction, derivatization and LC-MS/MS analysis     | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | phenylhydrazine hydrochloride                         | 59-88-1    | Solvent extraction, and LC-MS/MS analysis                    | 1     | Solid-phase extraction and LC-MS/MS analysis             | 10   | Solvent extraction, and LC-MS/MS analysis                    | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Methylazoxymethanol acetate                           | 592-62-1   | Extraction and LC-MS/MS analysis                             | 1     | LC-MS/MS analysis                                        | 10   | Extraction and LC-MS/MS analysis                             | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 5-Nitroacenaphthene                                   | 602-87-9   | Extraction and GC-MS analysis                                | 10    | Extraction and GC-MS analysis                            | 100  | Extraction and GC-MS analysis                                | 10    | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | tetrahydrothiopyran-3-carboxaldehyde                  | 61571-06-0 | Solvent extraction, and GC-MS or LC-MS/MS analysis           | 10    | Solid-phase extraction and GC-MS or LC-MS/MS analysis    | 100  | Solvent extraction, and GC-MS or LC-MS/MS analysis           | 10    | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Aniline                                               | 62-53-3    | Extraction and GC-MS or LC-MS/MS analysis                    | 1     | GC-MS or LC-MS/MS analysis                               | 10   | Extraction and GC-MS or LC-MS/MS analysis                    | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |

| Group of substances | Substance                                                                                  | Cas-Nr     | Output: Product                                    | DL:   | Output: Waste water                                   | DL:  | Output: Sludge                                     | DL:   | Input: Chemical Formulations                                                                       | DL:   |
|---------------------|--------------------------------------------------------------------------------------------|------------|----------------------------------------------------|-------|-------------------------------------------------------|------|----------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|-------|
|                     |                                                                                            |            | Test Method                                        | mg/kg | Test Method                                           | µg/l | Test Method                                        | mg/kg | Test Method                                                                                        | mg/kg |
| Others              | methoxyacetic acid                                                                         | 625-45-6   | Extraction and GC-MS or LC-MS/MS analysis          | 10    | GC-MS or LC-MS/MS analysis                            | 100  | Extraction and GC-MS or LC-MS/MS analysis          | 10    | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Diethyl sulfate                                                                            | 64-67-5    | Extraction and GC-MS analysis                      | 1     | Extraction and GC-MS analysis                         | 10   | Extraction and GC-MS analysis                      | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Colchicine                                                                                 | 64-86-8    | Extraction and LC-MS/MS analysis                   | 1     | LC-MS/MS analysis                                     | 10   | Extraction and LC-MS/MS analysis                   | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Cycloheximide                                                                              | 66-81-9    | Solvent extraction, and LC-MS/MS analysis          | 1     | Solvent extraction, and LC-MS/MS analysis             | 10   | Solvent extraction, and LC-MS/MS analysis          | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Phenolphthalein                                                                            | 77-09-8    | Extraction and LC-MS/MS analysis                   | 1     | LC-MS/MS analysis                                     | 10   | Extraction and LC-MS/MS analysis                   | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Dimethyl sulfate                                                                           | 77-78-1    | Extraction and GC-MS analysis                      | 1     | Extraction and GC-MS analysis                         | 10   | Extraction and GC-MS analysis                      | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | N-methylacetamide                                                                          | 79-16-3    | Solvent extraction and GC-MS analysis              | 1     | Solvent extraction and GC-MS analysis                 | 10   | Solvent extraction and GC-MS analysis              | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 2-Nitropropane                                                                             | 79-46-9    | Extraction and GC-MS analysis                      | 10    | Extraction and GC-MS analysis                         | 100  | Extraction and GC-MS analysis                      | 10    | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Bisphenol A                                                                                | 80-05-7    | Solvent extraction, and LC-MS/MS analysis          | 0,1   | Solvent extraction, and LC-MS/MS analysis             | 1    | Solvent extraction, and LC-MS/MS analysis          | 0,1   | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | N-[6,9-dihydro-9-[[2-hydroxy-1-(hydroxymethyl)ethoxy)methyl]-6-oxo-1H-purin-2-yl]acetamide | 84245-12-5 | Solvent extraction, and LC-MS/MS analysis          | 1     | Solid-phase extraction and LC-MS/MS analysis          | 10   | Solvent extraction, and LC-MS/MS analysis          | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 2-nitrotoluene                                                                             | 88-72-2    | Extraction and GC-MS analysis                      | 10    | Extraction and GC-MS analysis                         | 100  | Extraction and GC-MS analysis                      | 10    | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | benzophenone, 4,4'-bis(dimethylamino)-[Michler's ketone]                                   | 90-94-8    | Solvent extraction, and LC-MS/MS analysis          | 1     | Solid-phase extraction and LC-MS/MS analysis          | 10   | Solvent extraction, and LC-MS/MS analysis          | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 2-nitroanisole                                                                             | 91-23-6    | Extraction and GC-MS or LC-MS/MS analysis          | 1     | Extraction and GC-MS or LC-MS/MS analysis             | 10   | Extraction and GC-MS or LC-MS/MS analysis          | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | 4-Nitrobiphenyl                                                                            | 92-93-3    | Extraction and GC-MS analysis                      | 10    | Extraction and GC-MS analysis                         | 100  | Extraction and GC-MS analysis                      | 10    | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | N,N-di-2-naphthyl-benzen-1,4-diamin (Diafen NN)                                            | 93-46-9    | Solvent extraction, and GC-MS or LC-MS/MS analysis | 1     | Solid-phase extraction and GC-MS or LC-MS/MS analysis | 10   | Solvent extraction, and GC-MS or LC-MS/MS analysis | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Safrole [5-allyl-1,3-benzodioxole]                                                         | 94-59-7    | Solvent extraction, and LC-MS/MS analysis          | 1     | Solid-phase extraction and LC-MS/MS analysis          | 10   | Solvent extraction, and LC-MS/MS analysis          | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |



| Group of substances | Substance                                                                 | Cas-Nr      | Output: Product                                                                                    | DL:   | Output: Waste water                                                                                | DL:  | Output: Sludge                                                                                     | DL:   | Input: Chemical Formulations                                                                       | DL:   |
|---------------------|---------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|-------|
|                     |                                                                           |             | Test Method                                                                                        | mg/kg | Test Method                                                                                        | µg/l | Test Method                                                                                        | mg/kg | Test Method                                                                                        | mg/kg |
| Others              | 2-butyryl-3-hydroxy-5-thiocyclohexan-3-yl-cyclohex-2-en-1-one             | 94723-86-1  | Extraction and GC-MS or LC-MS/MS analysis                                                          | 1     | Extraction and GC-MS or LC-MS/MS analysis                                                          | 10   | Extraction and GC-MS or LC-MS/MS analysis                                                          | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | N,N-Ethylenethiourea                                                      | 96-45-7     | LC-MS/MS analysis or GC-MS analysis                                                                | 1     | LC-MS/MS analysis or GC-MS analysis                                                                | 10   | LC-MS/MS analysis or GC-MS analysis                                                                | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | dinitrobenzenes                                                           | 99-65-0     | Solvent extraction, and GC-MS analysis                                                             | 1     | Solvent extraction, and GC-MS analysis                                                             | 10   | Solvent extraction, and GC-MS analysis                                                             | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | DMFu, Dimethyl Fumarate                                                   | 624-49-7    | CEN ISO/TS 16186:2012                                                                              | 0,05  | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Fluorinated greenhouse gases (F-gases) as per Regulation (EC) No 842/2006 | Various     | Purge and trap - thermal desorption or SPME followed by GC/MS                                      | 0,1   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Ozone-Depleting Substances as per Regulation (EC) No 1005/2009            | Various     | GC/MS headspace                                                                                    | 5     | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Sulfide                                                                   | Various     | Best current testing technology using lowest detection/reporting limits always updated and applied |       | ISO 10530                                                                                          | 10   | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Sulfite                                                                   | Various     | Best current testing technology using lowest detection/reporting limits always updated and applied |       | ISO 10304-3                                                                                        | 200  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Bitumen                                                                   | 64742-93-4  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Coal Tar oil                                                              | 65996-82-9  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | erionite                                                                  | 12510-42-8  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Actinolite                                                                | 77536-66-4  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Amosite                                                                   | 12172-73-5  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Anthophyllite                                                             | 77536-67-5  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Chrysotile                                                                | 12001-29-5  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Others              | Chrysotile                                                                | 132207-32-0 | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |       |





| Group of substances | Substance                                                                                                                                                     | Cas-Nr      | Output: Product                                                                                    | DL:   | Output: Waste water                                                                                | DL:  | Output: Sludge                                                                                     | DL:   | Input: Chemical Formulations                                                                       | DL:   |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|-------|
|                     |                                                                                                                                                               |             | Test Method                                                                                        | mg/kg | Test Method                                                                                        | µg/l | Test Method                                                                                        | mg/kg | Test Method                                                                                        | mg/kg |
| Other Solvents      | 2-methoxypropyl acetate                                                                                                                                       | 70657-70-4  | Solvent extraction or headspace and GC-MS analysis                                                 | 0,01  | Solid-phase extraction or headspace and GC-MS analysis                                             | 1    | Solvent extraction or headspace and GC-MS analysis                                                 | 0,01  | High-performance liquid chromatography (HPLC), LC- MS                                              | 50    |
| Other Solvents      | 1,2-dibromoethane                                                                                                                                             | 106-93-4    | Solvent extraction or headspace and GC-MS or ECD-GC analysis                                       | 0,01  | Solid-phase extraction and GC-MS or ECD-GC analysis                                                | 0,1  | Solvent extraction or headspace and GC-MS or ECD-GC analysis                                       | 0,01  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Other Solvents      | 2-methoxypropanol                                                                                                                                             | 1589-47-5   | Solvent extraction or headspace and GC-MS analysis                                                 | 0,01  | Solid-phase extraction or headspace and GC-MS analysis                                             | 1    | Solvent extraction or headspace and GC-MS analysis                                                 | 0,01  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Other Solvents      | Cyclododecane                                                                                                                                                 | 294-62-2    | Solvent extraction or headspace and GC-MS analysis                                                 | 0,01  | Solid-phase extraction or headspace and GC-MS analysis                                             | 1    | Solvent extraction or headspace and GC-MS analysis                                                 | 0,01  | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Other Solvents      | hexamethylphosphoramide (HEMPA)                                                                                                                               | 680-31-9    | Extraction and LC-MS/MS analysis                                                                   | 0,1   | Extraction and LC-MS/MS analysis                                                                   | 1    | Extraction and LC-MS/MS analysis                                                                   | 0,1   | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Other Solvents      | formamide                                                                                                                                                     | 75-12-7     | Extraction and GC-MS analysis                                                                      | 10    | Extraction and GC-MS analysis                                                                      | 100  | Extraction and GC-MS analysis                                                                      | 10    | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Other Solvents      | Carbon disulfide                                                                                                                                              | 75-15-0     | GC-MS analysis                                                                                     | 1     | GC-MS analysis                                                                                     | 10   | GC-MS analysis                                                                                     | 1     | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Other Solvents      | 2-phenyl-2-propanole                                                                                                                                          | 617-94-7    | GC/MS analysis                                                                                     | 25    | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Other Solvents      | Nitrilotriacetic acid                                                                                                                                         | 139-13-9    | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| Other Dyes          | (methylenebis(4,1-phenylenazo(1-(3(dimethylamino)propyl)-1,2-dihydro-6-hydroxy-4methyl-2-oxopyridine-5,3-diy))) -1,1'-dipyridinium dichloride dihydrochloride | 118658-99-4 | Solvent extraction and LC-MS analysis                                                              | 0,1   | Solid-phase extraction LC-MS analysis                                                              | 10   | Solvent extraction and LC-MS analysis                                                              | 0,1   | LC                                                                                                 | 250   |
| Other Dyes          | C.I. Disperse Yellow 3                                                                                                                                        | 2832-40-8   | Solvent extraction and LC-MS analysis                                                              | 0,1   | Solid-phase extraction LC-MS analysis                                                              | 10   | Solvent extraction and LC-MS analysis                                                              | 0,1   | LC                                                                                                 | 250   |
| Other Dyes          | C.I. Direct Blue 218                                                                                                                                          | 28407-37-6  | Solvent extraction and LC-MS analysis                                                              | 0,1   | Solid-phase extraction LC-MS analysis                                                              | 10   | Solvent extraction and LC-MS analysis                                                              | 0,1   | LC                                                                                                 | 250   |
| Other Dyes          | C.I Acid Red 26                                                                                                                                               | 3761-53-3   | Solvent extraction and LC-MS analysis                                                              | 0,1   | Solid-phase extraction LC-MS analysis                                                              | 10   | Solvent extraction and LC-MS analysis                                                              | 0,1   | LC                                                                                                 | 250   |
| Other Dyes          | Pigment Red 53 (1 (C.I. 15585:1); D&C Red No. 9                                                                                                               | 5160-02-1   | Solvent extraction and LC-MS analysis                                                              | 0,1   | Solid-phase extraction LC-MS analysis                                                              | 10   | Solvent extraction and LC-MS analysis                                                              | 0,1   | LC                                                                                                 | 250   |
| Other Dyes          | C.I. Solvent Yellow 2                                                                                                                                         | 60-11-7     | Solvent extraction and LC-MS analysis                                                              | 0,1   | Solid-phase extraction LC-MS analysis                                                              | 10   | Solvent extraction and LC-MS analysis                                                              | 0,1   | LC                                                                                                 | 250   |

| Group of substances | Substance                                               | Cas-Nr      | Output: Product                       | DL:   | Output: Waste water                   | DL:  | Output: Sludge                        | DL:   | Input: Chemical Formulations | DL:   |
|---------------------|---------------------------------------------------------|-------------|---------------------------------------|-------|---------------------------------------|------|---------------------------------------|-------|------------------------------|-------|
|                     |                                                         |             | Test Method                           | mg/kg | Test Method                           | µg/l | Test Method                           | mg/kg | Test Method                  | mg/kg |
| Other Dyes          | C.I. Solvent Yellow 14                                  | 842-07-9    | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis | 10   | Solvent extraction and LC-MS analysis | 0,1   | LC                           | 250   |
| Other Dyes          | C.I. Disperse Orange 149                                | 85136-74-9  | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis | 10   | Solvent extraction and LC-MS analysis | 0,1   | LC                           | 250   |
| Other Dyes          | diaminotoluene                                          | 25376-45-8  | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis | 10   | Solvent extraction and LC-MS analysis | 0,1   | LC                           | 250   |
| Other Dyes          | N,N'-Diacetylbenzidine                                  | 613-35-4    | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis | 10   | Solvent extraction and LC-MS analysis | 0,1   | LC                           | 250   |
| Other Dyes          | toluene-2,4-diammonium sulphate                         | 65321-67-7  | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis | 10   | Solvent extraction and LC-MS analysis | 0,1   | LC                           | 250   |
| Other Dyes          | Diaminobenzidine [biphenyl-3,3',4,4' tetrayltetraamine] | 91-95-2     | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis | 10   | Solvent extraction and LC-MS analysis | 0,1   | LC                           | 250   |
| Other Dyes          | C.I. Basic Green 4 leuco base                           | 129-73-7    | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis | 10   | Solvent extraction and LC-MS analysis | 0,1   | LC                           | 250   |
| Other Dyes          | 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine      | 143860-04-2 | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis | 10   | Solvent extraction and LC-MS analysis | 0,1   | LC                           | 250   |
| Other Dyes          | C.I. Pigment Red 53; D&C Red No. 8                      | 2092-56-0   | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis | 10   | Solvent extraction and LC-MS analysis | 0,1   | LC                           | 250   |
| Other Dyes          | Auramine hydrochloride                                  | 2465-27-2   | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis | 10   | Solvent extraction and LC-MS analysis | 0,1   | LC                           | 250   |
| Other Dyes          | C.I. Disperse Blue 1                                    | 2475-45-8   | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis | 10   | Solvent extraction and LC-MS analysis | 0,1   | LC                           | 250   |
| Other Dyes          | C.I. Pigment Brown 22                                   | 29398-96-7  | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis | 10   | Solvent extraction and LC-MS analysis | 0,1   | LC                           | 250   |
| Other Dyes          | Pigment Red 168                                         | 4378-61-4   | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis | 10   | Solvent extraction and LC-MS analysis | 0,1   | LC                           | 250   |
| Other Dyes          | C.I. Disperse Orange 11                                 | 82-28-0     | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis | 10   | Solvent extraction and LC-MS analysis | 0,1   | LC                           | 250   |
| Other Dyes          | C.I. Acid Violet 49                                     | 1694-09-3   | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis | 10   | Solvent extraction and LC-MS analysis | 0,1   | LC                           | 250   |
| Other Dyes          | C.I. Basic Violet 3                                     | 548-62-9    | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis | 10   | Solvent extraction and LC-MS analysis | 0,1   | LC                           | 250   |

| Group of substances | Substance                                                                      | Cas-Nr     | Output: Product                       | DL:   | Output: Waste water                                                                                | DL:  | Output: Sludge                                                                                     | DL:   | Input: Chemical Formulations | DL:   |
|---------------------|--------------------------------------------------------------------------------|------------|---------------------------------------|-------|----------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------|-------|------------------------------|-------|
|                     |                                                                                |            | Test Method                           | mg/kg | Test Method                                                                                        | µg/l | Test Method                                                                                        | mg/kg | Test Method                  | mg/kg |
| Other Dyes          | C.I. Basic Red 9                                                               | 569-61-9   | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis                                                              | 10   | Solvent extraction and LC-MS analysis                                                              | 0,1   | LC                           | 250   |
| Other Dyes          | C.I. 77332, C.I. Pigment Black 25, cobalt nickel gray periclase                | 68186-89-0 | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis                                                              | 10   | Solvent extraction and LC-MS analysis                                                              | 0,1   | LC                           | 250   |
| Other Dyes          | C.I. 77900, C.I. Pigment Yellow 157, nickel barium titanium primrose priderite | 68610-24-2 | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis                                                              | 10   | Solvent extraction and LC-MS analysis                                                              | 0,1   | LC                           | 250   |
| Other Dyes          | D&C Red No. 19                                                                 | 81-88-9    | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis                                                              | 10   | Solvent extraction and LC-MS analysis                                                              | 0,1   | LC                           | 250   |
| Other Dyes          | anthraquinone, 1-hydroxy                                                       | 129-43-1   | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis                                                              | 10   | Solvent extraction and LC-MS analysis                                                              | 0,1   | LC                           | 250   |
| Other Dyes          | 3-amino-9-ethyl carbazole, 9-ethylcarbazol-3-ylamine                           | 132-32-1   | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis                                                              | 10   | Solvent extraction and LC-MS analysis                                                              | 0,1   | LC                           | 250   |
| Other Dyes          | 4-amino-3-fluorophenol                                                         | 399-95-1   | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis                                                              | 10   | Solvent extraction and LC-MS analysis                                                              | 0,1   | LC                           | 250   |
| Other Dyes          | 4,4-isobutylethylidenediphenol                                                 | 6807-17-6  | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis                                                              | 10   | Solvent extraction and LC-MS analysis                                                              | 0,1   | LC                           | 250   |
| Other Dyes          | Dimethylcarbamoyl chloride                                                     | 79-44-7    | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis                                                              | 10   | Solvent extraction and LC-MS analysis                                                              | 0,1   | LC                           | 250   |
| Other Dyes          | Anthraquinone                                                                  | 84-65-1    | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis                                                              | 10   | Solvent extraction and LC-MS analysis                                                              | 0,1   | LC                           | 250   |
| Other Dyes          | Carbazole                                                                      | 86-74-8    | Solvent extraction and LC-MS analysis | 0,1   | Solid-phase extraction LC-MS analysis                                                              | 10   | Solvent extraction and LC-MS analysis                                                              | 0,1   | LC                           | 250   |
| Other Dyes          | quinoline                                                                      | 91-22-5    | Solvent extraction and LC-MS analysis | 0,01  | Solid-phase extraction LC-MS analysis                                                              | 1    | Solvent extraction and LC-MS analysis                                                              | 0,01  | LC                           | 250   |
| Other Dyes          | potassium bromate                                                              | 7758-01-2  | ion exchange chromatography           | 1     | ion exchange chromatography                                                                        | 10   | ion exchange chromatography                                                                        | 1     | LC                           | 250   |
| Other Dyes          | Disperse Orange 76/37                                                          | 12223-33-5 | DIN 54231:2005                        | 15    | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | LC                           | 250   |
| Other Dyes          | Direct Brown 95                                                                | 16071-86-6 | DIN 54231:2005                        | 15    | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | LC                           | 250   |
| Other Dyes          | C.I. Disperse Orange 59                                                        | 51811-42-8 | DIN 54231:2005                        | 15    | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | LC                           | 250   |

| Group of substances | Substance                                               | Cas-Nr      | Output: Product                                                                                    | DL:   | Output: Waste water                                                                                | DL:                                                                                                | Output: Sludge | DL:   | Input: Chemical Formulations | DL:   |
|---------------------|---------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------|-------|------------------------------|-------|
|                     |                                                         |             | Test Method                                                                                        | mg/kg | Test Method                                                                                        | µg/l                                                                                               | Test Method    | mg/kg | Test Method                  | mg/kg |
| Other Dyes          | C.I. Disperse Yellow 56                                 | 54077-16-6  | DIN 54231:2005                                                                                     | 15    | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | LC             | 250   |                              |       |
| Other Dyes          | 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol | 561-41-1    | DIN 54231:2005                                                                                     | 15    | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | LC             | 250   |                              |       |
| Other Dyes          | Disperse Blue 35                                        | 56524-76-6  | DIN 54231:2005                                                                                     | 15    | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | LC             | 250   |                              |       |
| Other Dyes          | C.I. Disperse Red 151                                   | 61968-47-6  | DIN 54231:2005                                                                                     | 15    | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | LC             | 250   |                              |       |
| Other Dyes          | Disperse Yellow 23                                      | 6250-23-3   | DIN 54231:2005                                                                                     | 15    | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | LC             | 250   |                              |       |
| Other Dyes          | C.I. Disperse Yellow 7                                  | 6300-37-4   | DIN 54231:2005                                                                                     | 15    | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | LC             | 250   |                              |       |
| Other Dyes          | C.I. Solvent Blue 4                                     | 6786-83-0   | DIN 54231:2005                                                                                     | 15    | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | LC             | 250   |                              |       |
| Other Dyes          | Navy Blue incl C39H23ClCrN7O12S C46H30CrN10O20S2        | 118685-33-9 | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | LC             | 250   |                              |       |
| Other Dyes          | Navy Blue Component 2: C46H30CrN10O20S2·3Na             | Various     | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | LC             | 250   |                              |       |
| Other Dyes          | diazomethane                                            | 334-88-3    | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | LC             | 250   |                              |       |
| Other Dyes          | Basic Green 4                                           | 10309-95-2  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | LC             | 250   |                              |       |
| Other Dyes          | Disperse Yellow 1                                       | 119-15-3    | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | LC             | 250   |                              |       |
| Other Dyes          | Disperse Blue 35                                        | 12222-75-2  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | LC             | 250   |                              |       |
| Other Dyes          | Disperse Blue 102                                       | 12222-97-8  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | LC             | 250   |                              |       |
| Other Dyes          | Disperse Blue 106                                       | 12223-01-7  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | LC             | 250   |                              |       |
| Other Dyes          | Disperse Yellow 39                                      | 12236-29-2  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | LC             | 250   |                              |       |





| Group of substances | Substance                                                        | Cas-Nr    | Output: Product                                                                                    | DL:   | Output: Waste water                                                                                | DL:  | Output: Sludge                                                                                     | DL:   | Input: Chemical Formulations                          | DL:   |
|---------------------|------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------|-------|
|                     |                                                                  |           | Test Method                                                                                        | mg/kg | Test Method                                                                                        | µg/l | Test Method                                                                                        | mg/kg | Test Method                                           | mg/kg |
| Other Dyes          | Direct Red 28                                                    | 573-58-0  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | LC                                                    | 250   |
| Other Dyes          | Basic Violet 14                                                  | 632-99-5  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | LC                                                    | 250   |
| Other Dyes          | Disperse Yellow 9                                                | 6373-73-5 | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | LC                                                    | 250   |
| Other Dyes          | Disperse Orange 3                                                | 730-40-5  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | LC                                                    | 250   |
| Glycols             | Ethylene glycol                                                  | 107-21-1  | Headspace and GC-MS analysis                                                                       | 0,01  | Headspace and GC-MS analysis                                                                       | 0,1  | Headspace and GC-MS analysis                                                                       | 0,01  | High-performance liquid chromatography (HPLC), LC- MS | 50    |
| Glycols             | Ethylene glycol monomethyl ether                                 | 109-86-4  | Solvent extraction or headspace and GC-MS analysis                                                 | 0,01  | headspace and GC-MS analysis                                                                       | 0,1  | Solvent extraction or headspace and GC-MS analysis                                                 | 0,01  | High-performance liquid chromatography (HPLC), LC- MS | 50    |
| Glycols             | Ethylene glycol monomethyl ether acetate; 2-Methoxyethyl acetate | 110-49-6  | Solvent extraction or headspace and GC-MS analysis                                                 | 0,01  | Solid-phase extraction and GC-MS analysis                                                          | 0,1  | Solvent extraction or headspace and GC-MS analysis                                                 | 0,01  | High-performance liquid chromatography (HPLC), LC- MS | 50    |
| Glycols             | 1,2-dimethoxyethane; ethylene glycol dimethyl ether; EGDME       | 110-71-4  | Solvent extraction or headspace and GC-MS analysis                                                 | 0,01  | Solid-phase extraction and GC-MS analysis                                                          | 0,1  | Solvent extraction or headspace and GC-MS analysis                                                 | 0,01  | High-performance liquid chromatography (HPLC), LC- MS | 50    |
| Glycols             | Ethylene glycol monoethyl ester                                  | 110-80-5  | Solvent extraction or headspace and GC-MS analysis                                                 | 0,01  | Solid-phase extraction and GC-MS analysis                                                          | 0,1  | Solvent extraction or headspace and GC-MS analysis                                                 | 0,01  | High-performance liquid chromatography (HPLC), LC- MS | 50    |
| Glycols             | 2-ethoxyethylacetate                                             | 111-15-9  | Solvent extraction and GC-MS or LC-MS/MS analysis                                                  | 0,01  | Solid-phase extraction and LC-MS/MS GC-MS or LC-MS/MS analysis                                     | 0,1  | Solvent extraction and GC-MS or LC-MS/MS analysis                                                  | 0,01  | High-performance liquid chromatography (HPLC), LC- MS | 50    |
| Glycols             | Bis-(2-methoxyethyl) ether                                       | 111-96-6  | Solvent extraction and GC-MS or LC-MS/MS analysis                                                  | 0,01  | Solid-phase extraction and LC-MS/MS GC-MS or LC-MS/MS analysis                                     | 0,1  | Solvent extraction and GC-MS or LC-MS/MS analysis                                                  | 0,01  | High-performance liquid chromatography (HPLC), LC- MS | 50    |
| Glycols             | Glycol; triglyme (TEGDME)                                        | 112-49-2  | Solvent extraction and LC-MS/MS analysis                                                           | 0,1   | Solid-phase extraction and LC-MS/MS analysis                                                       | 1    | Solvent extraction and LC-MS/MS analysis                                                           | 0,1   | High-performance liquid chromatography (HPLC), LC- MS | 50    |
| Glycols             | 1,2-diethoxyethane                                               | 629-14-1  | Solvent extraction or headspace and GC-MS analysis                                                 | 0,01  | Headspace and GC-MS analysis                                                                       | 0,1  | Solvent extraction or headspace and GC-MS analysis                                                 | 0,01  | High-performance liquid chromatography (HPLC), LC- MS | 50    |
| N-nitrosamines      | N-Nitrosodiethanolamine                                          | 1116-54-7 | Solvent extraction, and GC-MS/MS analysis                                                          | 0,25  | Solvent extraction, and GC-MS/MS analysis                                                          | 1    | Solvent extraction, and GC-MS/MS analysis                                                          | 0,25  | Not applicable                                        |       |
| N-nitrosamines      | N-Nitrosodiethylamine (NDEA)                                     | 55-18-5   | Solvent extraction, and GC-MS/MS analysis                                                          | 0,25  | Solvent extraction, and GC-MS/MS analysis                                                          | 1    | Solvent extraction, and GC-MS/MS analysis                                                          | 0,25  | Not applicable                                        |       |
| N-nitrosamines      | N-Nitrosomorpholine (NMOR)                                       | 59-89-2   | Solvent extraction, and GC-MS/MS analysis                                                          | 0,25  | Solvent extraction, and GC-MS/MS analysis                                                          | 1    | Solvent extraction, and GC-MS/MS analysis                                                          | 0,25  | Not applicable                                        |       |

| Group of substances | Substance                                                          | Cas-Nr      | Output: Product                           | DL:   | Output: Waste water                          | DL:  | Output: Sludge                            | DL:   | Input: Chemical Formulations | DL:   |
|---------------------|--------------------------------------------------------------------|-------------|-------------------------------------------|-------|----------------------------------------------|------|-------------------------------------------|-------|------------------------------|-------|
|                     |                                                                    |             | Test Method                               | mg/kg | Test Method                                  | µg/l | Test Method                               | mg/kg | Test Method                  | mg/kg |
| N-nitrosamines      | N-nitroso N-methyl N-phenylamine (NMPHA); N-Methyl-N-nitrosoanilin | 614-00-6    | Solvent extraction, and GC-MS/MS analysis | 0,25  | Solvent extraction, and GC-MS/MS analysis    | 1    | Solvent extraction, and GC-MS/MS analysis | 0,25  | Not applicable               |       |
| N-nitrosamines      | N-Nitrosodiphenylamine                                             | 86-30-6     | Solvent extraction, and GC-MS/MS analysis | 0,25  | Solvent extraction, and GC-MS/MS analysis    | 1    | Solvent extraction, and GC-MS/MS analysis | 0,25  | Not applicable               |       |
| N-nitrosamines      | N-Nitrosodi-n-butylamine (NDBA)                                    | 924-16-3    | Solvent extraction, and GC-MS/MS analysis | 0,25  | Solvent extraction, and GC-MS/MS analysis    | 1    | Solvent extraction, and GC-MS/MS analysis | 0,25  | Not applicable               |       |
| N-nitrosamines      | N-Nitrosopiperidine (NPIP)                                         | 100-75-4    | Solvent extraction, and GC-MS/MS analysis | 0,25  | Solvent extraction, and GC-MS/MS analysis    | 1    | Solvent extraction, and GC-MS/MS analysis | 0,25  | Not applicable               |       |
| N-nitrosamines      | N-Nitrosomethylethylamine                                          | 10595-95-6  | Solvent extraction, and GC-MS/MS analysis | 0,25  | Solvent extraction, and GC-MS/MS analysis    | 1    | Solvent extraction, and GC-MS/MS analysis | 0,25  | Not applicable               |       |
| N-nitrosamines      | N-nitroso-N-ethyl-N-phenylamine (NEPHA); N-Ethyl-N-nitrosoanilin   | 612-64-6    | Solvent extraction, and GC-MS/MS analysis | 0,25  | Solvent extraction, and GC-MS/MS analysis    | 1    | Solvent extraction, and GC-MS/MS analysis | 0,25  | Not applicable               |       |
| N-nitrosamines      | N-Nitrosodimethylamine (NDMA)                                      | 62-75-9     | Solvent extraction, and GC-MS/MS analysis | 0,25  | Solvent extraction, and GC-MS/MS analysis    | 1    | Solvent extraction, and GC-MS/MS analysis | 0,25  | Not applicable               |       |
| N-nitrosamines      | N-Nitrosodi-n-propylamine (NDPA)                                   | 621-64-7    | Solvent extraction, and GC-MS/MS analysis | 0,25  | Solvent extraction, and GC-MS/MS analysis    | 1    | Solvent extraction, and GC-MS/MS analysis | 0,25  | Not applicable               |       |
| N-nitrosamines      | N-Methyl-N'-nitro-N-nitrosoguanidine                               | 70-25-7     | Solvent extraction, and GC-MS/MS analysis | 0,25  | Solvent extraction, and GC-MS/MS analysis    | 1    | Solvent extraction, and GC-MS/MS analysis | 0,25  | Not applicable               |       |
| N-nitrosamines      | N-Nitrosopyrrolidine (NPYR)                                        | 930-55-2    | Solvent extraction, and GC-MS/MS analysis | 0,25  | Solvent extraction, and GC-MS/MS analysis    | 1    | Solvent extraction, and GC-MS/MS analysis | 0,25  | Not applicable               |       |
| N-nitrosamines      | p-Nitrosodiphenylamine                                             | 156-10-5    | Solvent extraction, and GC-MS/MS analysis | 0,25  | Solvent extraction, and GC-MS/MS analysis    | 1    | Solvent extraction, and GC-MS/MS analysis | 0,25  | Not applicable               |       |
| PAHs                | benzo[a]pyrene (BaP)<br>benzo[def]chrysene                         | 50-32-8     | Solvent extraction and GC-MS/MS analysis  | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,5  | Solvent extraction and GC-MS/MS analysis  | 0,01  | GC-MS                        | 20    |
| PAHs                | Anthracene                                                         | 120-12-7    | Solvent extraction and GC-MS/MS analysis  | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,5  | Solvent extraction and GC-MS/MS analysis  | 0,01  |                              |       |
| PAHs                | Pyrene                                                             | 129-00-0    | Solvent extraction and GC-MS/MS analysis  | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,5  | Solvent extraction and GC-MS/MS analysis  | 0,01  |                              |       |
| PAHs                | Polycyclic Aromatic Compounds (PACs)                               | 130498-29-2 | Solvent extraction and GC-MS/MS analysis  | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,5  | Solvent extraction and GC-MS/MS analysis  | 0,01  |                              |       |
| PAHs                | Benzo[ghi]perylene                                                 | 191-24-2    | Solvent extraction and GC-MS/MS analysis  | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,5  | Solvent extraction and GC-MS/MS analysis  | 0,01  |                              |       |

| Group of substances | Substance                    | Cas-Nr     | Output: Product                          | DL:   | Output: Waste water                          | DL:  | Output: Sludge                           | DL:   | Input: Chemical Formulations | DL:        |
|---------------------|------------------------------|------------|------------------------------------------|-------|----------------------------------------------|------|------------------------------------------|-------|------------------------------|------------|
|                     |                              |            | Test Method                              | mg/kg | Test Method                                  | µg/l | Test Method                              | mg/kg | Test Method                  | mg/kg      |
| PAHs                | benzo[e]pyrene(BeP)          | 192-97-2   | Solvent extraction and GC-MS/MS analysis | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,5  | Solvent extraction and GC-MS/MS analysis | 0,01  | GC-MS                        | Sum<br>200 |
| PAHs                | Indeno[1,2,3-cd]pyren        | 193-39-5   | Solvent extraction and GC-MS/MS analysis | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,5  | Solvent extraction and GC-MS/MS analysis | 0,01  |                              |            |
| PAHs                | benzo[j]fluoranthene(BjFA)   | 205-82-3   | Solvent extraction and GC-MS/MS analysis | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,5  | Solvent extraction and GC-MS/MS analysis | 0,01  |                              |            |
| PAHs                | Benzo[b]fluoranthene(BbFA)   | 205-99-2   | Solvent extraction and GC-MS/MS analysis | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,5  | Solvent extraction and GC-MS/MS analysis | 0,01  |                              |            |
| PAHs                | Fluoranthene                 | 206-44-0   | Solvent extraction and GC-MS/MS analysis | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,5  | Solvent extraction and GC-MS/MS analysis | 0,01  |                              |            |
| PAHs                | Benzo[k]fluoranthene(BkFA)   | 207-08-9   | Solvent extraction and GC-MS/MS analysis | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,5  | Solvent extraction and GC-MS/MS analysis | 0,01  |                              |            |
| PAHs                | Acenaphthylen                | 208-96-8   | Solvent extraction and GC-MS/MS analysis | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,5  | Solvent extraction and GC-MS/MS analysis | 0,01  |                              |            |
| PAHs                | 9,10-Benzophenanthren        | 217-59-4   | Solvent extraction and GC-MS/MS analysis | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,5  | Solvent extraction and GC-MS/MS analysis | 0,01  |                              |            |
| PAHs                | Chrysene(CHR)                | 218-01-9   | Solvent extraction and GC-MS/MS analysis | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,5  | Solvent extraction and GC-MS/MS analysis | 0,01  |                              |            |
| PAHs                | Dibenz[a,h]anthracene(DBAhA) | 53-70-3    | Solvent extraction and GC-MS/MS analysis | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,5  | Solvent extraction and GC-MS/MS analysis | 0,01  |                              |            |
| PAHs                | Benz[a]anthracene(BaA)       | 56-55-3    | Solvent extraction and GC-MS/MS analysis | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,5  | Solvent extraction and GC-MS/MS analysis | 0,01  |                              |            |
| PAHs                | Coal tar pitch               | 65996-93-2 | Solvent extraction and GC-MS/MS analysis | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,5  | Solvent extraction and GC-MS/MS analysis | 0,01  |                              |            |
| PAHs                | Acenaphthene                 | 83-32-9    | Solvent extraction and GC-MS/MS analysis | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,5  | Solvent extraction and GC-MS/MS analysis | 0,01  |                              |            |
| PAHs                | Phenanthrene                 | 85-01-8    | Solvent extraction and GC-MS/MS analysis | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,5  | Solvent extraction and GC-MS/MS analysis | 0,01  |                              |            |
| PAHs                | Fluorene                     | 86-73-7    | Solvent extraction and GC-MS/MS analysis | 0,01  | US EPA 8270, DIN 38407-39                    | 1    | Solvent extraction and GC-MS/MS analysis | 0,01  |                              |            |
| PAHs                | Anthracene oil               | 90640-80-5 | Solvent extraction and GC-MS/MS analysis | 0,01  | Solid-phase extraction and GC-MS/MS analysis | 0,5  | Solvent extraction and GC-MS/MS analysis | 0,01  |                              |            |

| Group of substances   | Substance                                             | Cas-Nr     | Output: Product                                                        | DL:   | Output: Waste water                                                                                | DL:  | Output: Sludge                                                                                     | DL:   | Input: Chemical Formulations | DL:   |
|-----------------------|-------------------------------------------------------|------------|------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------|-------|------------------------------|-------|
|                       |                                                       |            | Test Method                                                            | mg/kg | Test Method                                                                                        | µg/l | Test Method                                                                                        | mg/kg | Test Method                  | mg/kg |
| PAHs                  | Anthracene oil, anthracene paste                      | 90640-81-6 | Solvent extraction and GC-MS/MS analysis                               | 0,01  | Solid-phase extraction and GC-MS/MS analysis                                                       | 0,5  | Solvent extraction and GC-MS/MS analysis                                                           | 0,01  |                              |       |
| PAHs                  | Anthracene oil, anthracenelow                         | 90640-82-7 | Solvent extraction and GC-MS/MS analysis                               | 0,01  | Solid-phase extraction and GC-MS/MS analysis                                                       | 0,5  | Solvent extraction and GC-MS/MS analysis                                                           | 0,01  |                              |       |
| PAHs                  | Naphtalene                                            | 91-20-3    | Solvent extraction and GC-MS/MS analysis                               | 0,01  | Solid-phase extraction and GC-MS/MS analysis                                                       | 0,5  | Solvent extraction and GC-MS/MS analysis                                                           | 0,01  |                              |       |
| PAHs                  | Anthracene oil, anthracene paste, anthracene fraction | 91995-15-2 | Solvent extraction and GC-MS/MS analysis                               | 0,01  | Solid-phase extraction and GC-MS/MS analysis                                                       | 0,5  | Solvent extraction and GC-MS/MS analysis                                                           | 0,01  |                              |       |
| PAHs                  | Anthracene oil, anthracene paste, distn. Lights       | 91995-17-4 | Solvent extraction and GC-MS/MS analysis                               | 0,01  | Solid-phase extraction and GC-MS/MS analysis                                                       | 0,5  | Solvent extraction and GC-MS/MS analysis                                                           | 0,01  |                              |       |
| Pesticides & Biocides | Epoxy-heptachlorine                                   | 1024-57-3  | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | methamidophos                                         | 10265-92-6 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | Dichlofluanide                                        | 1085-98-9  | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | Endosulfan (thiosulfan)                               | 115-29-7   | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | Dicofol                                               | 115-32-2   | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | Dichlorprop                                           | 120-36-5   | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | Malathion                                             | 121-75-5   | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | Quinalphos                                            | 13593-03-8 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | Dicrotophos                                           | 141-66-2   | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | Kepone (Chlordecone)                                  | 143-50-0   | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | trifluralin                                           | 1582-09-8  | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |



| Group of substances   | Substance                                        | Cas-Nr     | Output: Product                                                        | DL:   | Output: Waste water                                                                                | DL:  | Output: Sludge                                                                                     | DL:   | Input: Chemical Formulations | DL:   |
|-----------------------|--------------------------------------------------|------------|------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------|-------|------------------------------|-------|
|                       |                                                  |            | Test Method                                                            | mg/kg | Test Method                                                                                        | µg/l | Test Method                                                                                        | mg/kg | Test Method                  | mg/kg |
| Pesticides & Biocides | Kelevane                                         | 4234-79-1  | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | Isodrin                                          | 465-73-6   | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | chlorfenvinphos                                  | 470-90-6   | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | Bromophos-ethyl                                  | 4824-78-6  | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | Dichloro-diphenyl-trichloro ethane (DDT)         | 50-29-3    | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | Chlorbenzilat                                    | 510-15-6   | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | fenvalerate                                      | 51630-58-1 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | cypermethrin                                     | 52315-07-8 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | deltamethrin                                     | 52918-63-5 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | o, p'-dichlorodiphenyldichloroethane (o, p'-DDD) | 53-19-0    | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | Ethyl parathion                                  | 56-38-2    | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | Coumafos                                         | 56-72-4    | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | Chlordane                                        | 57-74-9    | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | Lindane                                          | 58-89-9    | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | dimethoate                                       | 60-51-5    | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |
| Pesticides & Biocides | Dieldrin                                         | 60-57-1    | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable               |       |



| Group of substances   | Substance                                                                     | Cas-Nr     | Output: Product                                                        | DL:   | Output: Waste water                                                                                | DL:                                                                                                | Output: Sludge                                                                                     | DL:            | Input: Chemical Formulations | DL:   |
|-----------------------|-------------------------------------------------------------------------------|------------|------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------|------------------------------|-------|
|                       |                                                                               |            | Test Method                                                            | mg/kg | Test Method                                                                                        | µg/l                                                                                               | Test Method                                                                                        | mg/kg          | Test Method                  | mg/kg |
| Pesticides & Biocides | DEF                                                                           | 78-48-8    | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Not applicable |                              |       |
| Pesticides & Biocides | o, p'-dichlorodiphenyldichloroethane (o, p'-DDT) and its isomers;             | 789-02-6   | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Not applicable |                              |       |
| Pesticides & Biocides | Toxaphene                                                                     | 8001-35-2  | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Not applicable |                              |       |
| Pesticides & Biocides | Strobane                                                                      | 8001-50-1  | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Not applicable |                              |       |
| Pesticides & Biocides | Benzene,1,1'-methylenebis-, dichloro monomethyl deriv (Ugilec121 or Ugilec21) | 81161-70-8 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Not applicable |                              |       |
| Pesticides & Biocides | Quintozene                                                                    | 82-68-8    | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Not applicable |                              |       |
| Pesticides & Biocides | azinphos-ethyl                                                                | 86-50-0    | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Not applicable |                              |       |
| Pesticides & Biocides | Dinoseb and salt                                                              | 88-85-7    | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Not applicable |                              |       |
| Pesticides & Biocides | Cyhalothrin, lambda                                                           | 91465-08-6 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Not applicable |                              |       |
| Pesticides & Biocides | mecoprop                                                                      | 93-65-2    | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Not applicable |                              |       |
| Pesticides & Biocides | 2-(2,4,5-trichlorophenoxy) propionic acid, its salts and compounds            | 93-72-1    | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Not applicable |                              |       |
| Pesticides & Biocides | 2,4,5-trichlorophenoxyacetic acid                                             | 93-76-5    | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Not applicable |                              |       |
| Pesticides & Biocides | MCPA (2-methyl-4-chlorophenoxy acetic acid)                                   | 94-74-6    | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Not applicable |                              |       |
| Pesticides & Biocides | 2,4-dichloro phenoxy acetic acid, its salts and compounds                     | 94-75-7    | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Not applicable |                              |       |
| Pesticides & Biocides | MCPB (4- (4-chloro-or-tolyossi) butyric acid                                  | 94-81-5    | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Not applicable |                              |       |
| Pesticides & Biocides | Endosulfan, alpha                                                             | 959-98-8   | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Best current testing technology using lowest detection/reporting limits always updated and applied | Not applicable |                              |       |



| Group of substances               | Substance                                                          | Cas-Nr     | Output: Product                                                        | DL:   | Output: Waste water                                                                                | DL:  | Output: Sludge                                                                                     | DL:   | Input: Chemical Formulations                                                                       | DL:   |
|-----------------------------------|--------------------------------------------------------------------|------------|------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|-------|
|                                   |                                                                    |            | Test Method                                                            | mg/kg | Test Method                                                                                        | µg/l | Test Method                                                                                        | mg/kg | Test Method                                                                                        | mg/kg |
| Pesticides & Biocides             | DBBT - Monomethyl-dibromo-diphenyl methane                         | 99688-47-8 | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable                                                                                     |       |
| Pesticides & Biocides             | Halogenated diarylalkanes                                          | Various    | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable                                                                                     |       |
| Pesticides & Biocides             | Halogenated terphenols, including Polychlorinated terphenyls (PCT) | Various    | ISO 15913/DIN 38407 F2 or EPA 8081/EPA 8151A or BVL L 00.00-34:2010-09 | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Not applicable                                                                                     |       |
| Formaldehyde                      | Formaldehyde                                                       | 50-00-0    | Extraction, derivatization with DNPH and LC-MS/MS analysis             | 0,5   | derivatization with DNPH and LC-MS/MS analysis                                                     | 10   | Extraction, derivatization with DNPH and LC-MS/MS analysis                                         | 0,5   | Best current testing technology using lowest detection/reporting limits always updated and applied |       |
| VOCs - Volatile Organic Compounds | Benzene                                                            | 71-43-2    | Solvent extraction or headspace and GC-MS analysis                     | 0,01  | Solid-phase extraction or headspace and GC-MS analysis                                             | 1    | Solvent extraction or headspace and GC-MS analysis                                                 | 0,01  | GC-MS                                                                                              | 50    |
| VOCs - Volatile Organic Compounds | Ethanol                                                            | 64-17-5    | Headspace and GC-FID analysis                                          | 0,01  | Headspace and GC-FID analysis                                                                      | 1    | Headspace and GC-FID analysis                                                                      | 0,01  | GC-MS                                                                                              | 50    |
| VOCs - Volatile Organic Compounds | Bromoethane                                                        | 74-96-4    | Solvent extraction or headspace and GC-MS or ECD-GC analysis           | 0,01  | Solid-phase extraction and GC-MS or ECD-GC analysis                                                | 0,1  | Solvent extraction or headspace and GC-MS or ECD-GC analysis                                       | 0,01  | GC-MS                                                                                              | 50    |
| VOCs - Volatile Organic Compounds | 2-bromopropane                                                     | 75-26-3    | Solvent extraction or headspace and GC-MS or ECD-GC analysis           | 0,01  | Solid-phase extraction and GC-MS or ECD-GC analysis                                                | 0,1  | Solvent extraction or headspace and GC-MS or ECD-GC analysis                                       | 0,01  | GC-MS                                                                                              | 50    |
| VOCs - Volatile Organic Compounds | Ethylbenzene                                                       | 100-41-4   | Solvent extraction or headspace and GC-MS analysis                     | 0,01  | Solid-phase extraction or headspace and GC-MS analysis                                             | 1    | Solvent extraction or headspace and GC-MS analysis                                                 | 0,01  | GC-MS                                                                                              | 50    |
| VOCs - Volatile Organic Compounds | Toluene                                                            | 108-88-3   | Solvent extraction or headspace and GC-MS analysis                     | 0,01  | Solid-phase extraction or headspace and GC-MS analysis                                             | 1    | Solvent extraction or headspace and GC-MS analysis                                                 | 0,01  | GC-MS                                                                                              | 50    |
| VOCs - Volatile Organic Compounds | N,N-dimethylacetamide                                              | 127-19-5   | Solvent extraction and GC-MS analysis                                  | 1     | Solvent extraction and GC-MS analysis                                                              | 10   | Solvent extraction and GC-MS analysis                                                              | 1     | GC-MS                                                                                              | 50    |
| VOCs - Volatile Organic Compounds | N,N-dimethyl formamide (DMF(A))                                    | 68-12-2    | Solvent extraction and GC-MS analysis                                  | 1     | Solvent extraction and GC-MS analysis                                                              | 10   | Solvent extraction and GC-MS analysis                                                              | 1     | GC-MS                                                                                              | 50    |
| VOCs - Volatile Organic Compounds | 1-methyl-2-pyrrolidone                                             | 872-50-4   | Solvent extraction and GC-MS analysis                                  | 1     | Solvent extraction and GC-MS analysis                                                              | 10   | Solvent extraction and GC-MS analysis                                                              | 1     | GC-MS                                                                                              | 50    |
| VOCs - Volatile Organic Compounds | Methyl isobutyl ketone                                             | 108-10-1   | Headspace and GC-MS analysis                                           | 0,01  | Headspace and GC-MS analysis                                                                       | 1    | Headspace and GC-MS analysis                                                                       | 0,01  | GC-MS                                                                                              | 50    |
| VOCs - Volatile Organic Compounds | Furan                                                              | 110-00-9   | Headspace and GC-MS analysis                                           | 0,01  | headspace and GC-MS analysis                                                                       | 1    | Headspace and GC-MS analysis                                                                       | 0,01  | GC-MS                                                                                              | 50    |
| VOCs - Volatile Organic Compounds | N-methylformamide                                                  | 123-39-7   | Solvent extraction and GC-MS analysis                                  | 1     | Solvent extraction and GC-MS analysis                                                              | 10   | Solvent extraction and GC-MS analysis                                                              | 1     | GC-MS                                                                                              | 50    |

| Group of substances               | Substance    | Cas-Nr    | Output: Product                                                                                    | DL:   | Output: Waste water                                                                                | DL:  | Output: Sludge                                                                                     | DL:   | Input: Chemical Formulations | DL:   |
|-----------------------------------|--------------|-----------|----------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------|-------|------------------------------|-------|
|                                   |              |           | Test Method                                                                                        | mg/kg | Test Method                                                                                        | µg/l | Test Method                                                                                        | mg/kg | Test Method                  | mg/kg |
| VOCs - Volatile Organic Compounds | 1,4-Dioxane  | 123-91-1  | Solvent extraction or headspace and GC-MS analysis                                                 | 0,01  | Solid-phase extraction or headspace and GC-MS analysis                                             | 1    | Solvent extraction or headspace and GC-MS analysis                                                 | 0,01  | GC-MS                        | 50    |
| VOCs - Volatile Organic Compounds | Methanol     | 67-56-1   | Headspace and GC-FID analysis                                                                      | 0,1   | Headspace and GC-FID analysis                                                                      | 1    | Headspace and GC-FID analysis                                                                      | 0,1   | GC-MS                        | 50    |
| VOCs - Volatile Organic Compounds | Styrene      | 100-42-5  | Headspace and GC-MS analysis                                                                       | 0,01  | Headspace and GC-MS analysis                                                                       | 1    | Headspace and GC-MS analysis                                                                       | 0,01  | GC-MS                        | 50    |
| VOCs - Volatile Organic Compounds | Acetophenone | 98-86-2   | GC/MS analysis                                                                                     | 25    | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | GC-MS                        | 50    |
| VOCs - Volatile Organic Compounds | Xylene       | 1330-20-7 | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | GC-MS                        | 500   |
| VOCs - Volatile Organic Compounds | o-cresol     | 95-48-7   | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | GC-MS                        | 500   |
| VOCs - Volatile Organic Compounds | p-cresol     | 106-44-5  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | GC-MS                        | 500   |
| VOCs - Volatile Organic Compounds | m-cresol     | 108-39-4  | Best current testing technology using lowest detection/reporting limits always updated and applied |       | Best current testing technology using lowest detection/reporting limits always updated and applied |      | Best current testing technology using lowest detection/reporting limits always updated and applied |       | GC-MS                        | 500   |