## Techno Finisher 500ml

## SECTION 1: Identification of the substance/mixture and of the company/ undertaking

### 1.1. Product identifier

**Trade name/designation:**

Techno Finisher 500ml

**Article No.:**
T122001

**UFI:**
AQPD-MR62-5PJD-1D03

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Use of the substance/mixture:**
Colour

**Relevant identified uses:**

**Product Categories [PC]**
**PC 9a:** Coatings and paints, thinners, paint removers
**Process categories [PROC]**
**PROC 7:** Industrial spraying
**PROC 11:** Non industrial spraying

* 

### 1.3. Details of the supplier of the safety data sheet

**Supplier:**


**KANDO Service GmbH**
Hartleitnerstraße 3
4653 Eberstalzell
Austria
**Telephone:** +43 (0) 7241 213 79
**E-mail:** msds@kando.eu


### 1.4. Emergency telephone number

Vergiftungsinformationszentrale (VIZ), Stubenring 6, 1010 Wien, 24h: 01 406 43 43, Montag - Freitag: 8 bis 16 Uhr, Tel.: 01 406 68 98 (keine medizinische Auskunft) (Only available during office hours.)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008 [CLP]**

| Hazard classes and hazard categories | Hazard statements | Classification procedure |
|---|---|---|
| aerosol dispensers and lighters *(Aerosol 1)* | H222; H229: Extremely flammable aerosol. Pressurised container: May burst if heated. | |
| Serious eye damage/eye irritation *(Eye Dam. 1)* | H318: Causes serious eye damage. | |
| Skin corrosion/irritation *(Skin Irrit. 2)* | H315: Causes skin irritation. | |
| STOT-single exposure *(STOT SE 3)* | H335: May cause respiratory irritation. | |
| Hazardous to the aquatic environment *(Aquatic Chronic 3)* | H412: Harmful to aquatic life with long lasting effects. | |
| STOT-single exposure *(STOT SE 3)* | H336: May cause drowsiness or dizziness. | |

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

**Hazard pictograms:**



**GHS07**
Exclamation mark



**GHS05**
Corrosion



**GHS02**
Flame

**Signal word:** Danger

**Hazard components for labelling:**
butan-1-ol; Hydrocarbons, C9, aromatics; Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclene, <5% n-hexane; xylene

| Hazard statements for physical hazards | |
|---|---|
| H222 | Extremely flammable aerosol. |
| H229 | Pressurised container: May burst if heated. |

| Hazard statements for health hazards | |
|---|---|
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |

| Hazard statements for environmental hazards | |
|---|---|
| H412 | Harmful to aquatic life with long lasting effects. |

**Supplemental hazard information:** none

| Precautionary statements Prevention | |
|---|---|
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P211 | Do not spray on an open flame or other ignition source. |
| P251 | Do not pierce or burn, even after use. |
| P260 | Do not breathe dust/fume/gas/mist/vapours/spray. |

| Precautionary statements Storage | |
|---|---|
| P410 + P412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. |

| Precautionary statements Disposal | |
|---|---|
| P501 | Dispose of the contents / container in accordance with local / regional / national / international regulations. |

**Additional information:**
Formation of explosive mixtures possible without adequate ventilation.

### 2.3. Other hazards

**Other adverse effects:**
The product does not meet the PBT/vPvB criteria.

## SECTION 3: Composition/information on ingredients

* 

### 3.2. Mixtures

**Hazardous ingredients / Hazardous impurities / Stabilisers:**

| Product identifiers | Substance name<br>Classification according to Regulation (EC) No 1272/2008 [CLP] | Concentration |
|---|---|---|
| CAS No.: 115-10-6<br>EC No.: 204-065-8<br>Index No.: 603-019-00-8<br>REACH No.:<br>01-2119472128-37 | **dimethyl ether**<br>Flam. Gas 1A (H220), Press. Gas (Comp.) (H280)<br> Danger<br>**Acute Toxicity Estimate**<br>ATE (oral) > 2,000 mg/kg<br>ATE (dermal) > 2,000 mg/kg<br>ATE (inhalation, gases) 308.5 ppmV<br>ATE (inhalation, dust/mist) 308.5 mg/L | 50 – < 75<br>Vol-% |
| EC No.: 918-668-5<br>REACH No.:<br>01-2119455851-35 | **Hydrocarbons, C9, aromatics**<br>Aquatic Chronic 2 (H411), Asp. Tox. 1 (H304), Flam. Liq. 3 (H226), STOT SE 3 (H335, H336)<br> Danger<br>**Acute Toxicity Estimate**<br>ATE (oral) > 5,000 mg/kg<br>ATE (dermal) > 2,000 mg/kg | 10 – < 12.5<br>Vol-% |
| EC No.: 921-024-6<br>REACH No.:<br>01-2119475514-35 | **Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclene, <5% n-hexane**<br>Aquatic Chronic 2 (H411), Asp. Tox. 1 (H304), Flam. Liq. 2 (H225), STOT SE 3 (H335, H336), Skin Irrit. 2 (H315)<br> Danger<br>**Acute Toxicity Estimate**<br>ATE (oral) > 5,000 mg/kg<br>ATE (dermal) > 2,920 mg/kg<br>ATE (inhalation, gases) > 20 ppmV<br>ATE (inhalation, vapour) > 25.2 mg/L | 5 – < 10<br>Vol-% |
| CAS No.: 71-36-3<br>EC No.: 200-751-6<br>Index No.: 603-004-00-6<br>REACH No.:<br>01-2119484630-38 | **butan-1-ol**<br>Acute Tox. 4 (H302), Eye Dam. 1 (H318), Flam. Liq. 3 (H226), STOT SE 3 (H335, H336), Skin Irrit. 2 (H315)<br> Danger<br>**Acute Toxicity Estimate**<br>ATE (oral) 2,292 mg/kg<br>ATE (dermal) 3,430 mg/kg<br>ATE (inhalation, gases) 17,000 ppmV<br>ATE (inhalation, vapour) 17 mg/L<br>ATE (inhalation, dust/mist) 17,000 mg/L | 5 – < 10<br>Vol-% |
| CAS No.: 1330-20-7<br>EC No.: 215-535-7<br>Index No.: 601-022-00-9<br>REACH No.:<br>01-2119488216-32 | **xylene**<br>Acute Tox. 4 (H332, H312), Flam. Liq. 3 (H226), Skin Irrit. 2 (H315)<br> Warning<br>**Acute Toxicity Estimate**<br>ATE (oral) 4,300 mg/kg<br>ATE (dermal) 12,126 mg/kg<br>ATE (inhalation, gases) 29,000 ppmV<br>ATE (inhalation, vapour) 29 mg/L<br>ATE (inhalation, dust/mist) 6,350 mg/L | 5 – < 10<br>Vol-% |
| EC No.: 905-588-0<br>REACH No.:<br>01-2119488216-32 | **Reaction mass of ethylbenzene and xylene**<br>Acute Tox. 4 (H312, H332), Asp. Tox. 1 (H304), Eye Irrit. 2 (H319), Flam. Liq. 3 (H226), STOT RE 2 (H373), STOT SE 3 (H335), Skin Irrit. 2 (H315)<br> Danger<br>**Acute Toxicity Estimate**<br>ATE (oral) > 3,523 mg/kg<br>ATE (dermal) 1,100 mg/kg<br>ATE (inhalation, gases) 27.571 ppmV<br>ATE (inhalation, vapour) 11 mg/L | < 2.5<br>Vol-% |

## Techno Finisher 500ml

| Product identifiers | Substance name<br>Classification according to Regulation (EC) No 1272/2008 [CLP] | Concentration |
|---|---|---|
| CAS No.: 100-41-4<br>EC No.: 202-849-4<br>Index No.: 601-023-00-4<br>REACH No.:<br>01-2119489370-35 | **ethylbenzene**<br>Acute Tox. 4 (H332), Aquatic Chronic 3 (H412), Asp. Tox. 1 (H304), Flam. Liq. 2 (H225), STOT RE 2 (H373)<br> Danger<br>**Acute Toxicity Estimate**<br>ATE (oral) 3,500 mg/kg<br>ATE (dermal) 15,354 mg/kg<br>ATE (inhalation, gases) 17.2 ppmV<br>ATE (inhalation, dust/mist) 17.2 mg/L | < 2.5<br>Vol-% |

*Full text of H- and EUH-phrases: see section 16.*

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Following inhalation:**
If unconscious, position and transport in stable lateral position.

**In case of skin contact:**
Wash off immediately with soap and water and rinse well.

**After eye contact:**
Rinse opened eye for several minutes under running water. Consult a doctor if symptoms persist

**Following ingestion:**
Drink plenty of water. Provide fresh air. Call a physician immediately.

### 4.2. Most important symptoms and effects, both acute and delayed
No further relevant information available.

### 4.3. Indication of any immediate medical attention and special treatment needed
No further relevant information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media:**
Adapt fire extinguishing measures to the surroundings.

### 5.2. Special hazards arising from the substance or mixture
Formation of toxic gases when heated or in case of fire.

### 5.3. Advice for firefighters
Special protective equipment: Put on breathing apparatus.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

**Personal precautions:**
Use suitable breathing apparatus. Wear protective equipment. Keep unprotected persons away. Ignition distance.

#### 6.1.2. For emergency responders
No data available

### 6.2. Environmental precautions
In case of spillage into water or sewage system, inform the competent authorities. Do not allow to enter drains/surface water/ground water.

### 6.3. Methods and material for containment and cleaning up

**Other information:**
Apply neutralizing agent. Dispose of contaminated material as waste according to section 13. Provide adequate ventilation.

### 6.4. Reference to other sections

See section 7 for further information on safe handling.
For further information on personal protective equipment: see section 8.
For further information on disposal: see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Protective measures

**Advices on safe handling:**
Ensure good ventilation/extraction at the workplace.

**Fire prevent measures:**
Do not spray against a flame or on a glowing object. Keep away from sources of ignition - No smoking.
Have breathing apparatus ready.

### 7.2. Conditions for safe storage, including any incompatibilities

**Requirements for storage rooms and vessels:**
The official regulations for the storage of pressurised gas packages must be observed.

**Hints on storage assembly:**
Not required.

**Storage class (TRGS 510, Germany):** 2B – Aerosol dispensers and lighters

**Further information on storage conditions:**
Keep container tightly closed.

### 7.3. Specific end use(s)

**Recommendation:**
No further relevant information available.

## SECTION 8: Exposure controls/personal protection

* 

### 8.1. Control parameters

#### 8.1.1. Occupational exposure limit values

| Limit value type (country of origin) | Substance name | ① Long-term occupational exposure limit value<br>② Short-term occupational exposure limit value<br>③ Instantaneous value<br>④ Monitoring and observation processes<br>⑤ Remark |
|---|---|---|
| MAK (AT) | **dimethyl ether**<br>CAS No.: 115-10-6<br>EC No.: 204-065-8 | ① 1,000 ppm (1,910 mg/m³) |
| MAK (AT) | **dimethyl ether**<br>CAS No.: 115-10-6<br>EC No.: 204-065-8 | ② 2,000 ppm (3,820 mg/m³)<br>⑤ (max. 3x60 min./Schicht, Momentanwert) |
| IOELV (EU) | **dimethyl ether**<br>CAS No.: 115-10-6<br>EC No.: 204-065-8 | ① 1,000 ppm (1,920 mg/m³) |
| MAK (AT) | **butan-1-ol**<br>CAS No.: 71-36-3<br>EC No.: 200-751-6 | ① 50 ppm (150 mg/m³) |
| MAK (AT) | **butan-1-ol**<br>CAS No.: 71-36-3<br>EC No.: 200-751-6 | ② 200 ppm (600 mg/m³)<br>⑤ (max. 4x15 min./Schicht) |
| MAK (AT)<br>from 25 Sept 2018 | **xylene**<br>CAS No.: 1330-20-7<br>EC No.: 215-535-7 | ② 100 ppm (442 mg/m³)<br>⑤ (max. 4x15 min./Schicht) |
| IOELV (EU) | **xylene**<br>CAS No.: 1330-20-7<br>EC No.: 215-535-7 | ① 50 ppm (221 mg/m³)<br>② 100 ppm (442 mg/m³)<br>⑤ (may be absorbed through the skin) |

| Limit value type (country of origin) | Substance name | ① Long-term occupational exposure limit value<br>② Short-term occupational exposure limit value<br>③ Instantaneous value<br>④ Monitoring and observation processes<br>⑤ Remark |
|---|---|---|
| MAK (AT)<br>from 25 Sept 2018 | **xylene**<br>CAS No.: 1330-20-7<br>EC No.: 215-535-7 | ① 50 ppm (221 mg/m³) |
| MAK (AT)<br>from 25 Sept 2018 | **Reaction mass of ethylbenzene and xylene**<br>EC No.: 905-588-0 | ② 100 ppm (442 mg/m³)<br>⑤ (max. 4x15 min./Schicht) |
| IOELV (EU) | **Reaction mass of ethylbenzene and xylene**<br>EC No.: 905-588-0 | ① 50 ppm (221 mg/m³)<br>② 100 ppm (442 mg/m³)<br>⑤ (may be absorbed through the skin) |
| MAK (AT)<br>from 25 Sept 2018 | **Reaction mass of ethylbenzene and xylene**<br>EC No.: 905-588-0 | ① 50 ppm (221 mg/m³) |
| MAK (AT) | **ethylbenzene**<br>CAS No.: 100-41-4<br>EC No.: 202-849-4 | ① 100 ppm (440 mg/m³)<br>⑤ (kann über die Haut aufgenommen werden) H |
| MAK (AT) | **ethylbenzene**<br>CAS No.: 100-41-4<br>EC No.: 202-849-4 | ② 200 ppm (880 mg/m³)<br>⑤ (max. 8x5 min./Schicht, Momentanwert, kann über die Haut aufgenommen werden) H |
| IOELV (EU) | **ethylbenzene**<br>CAS No.: 100-41-4<br>EC No.: 202-849-4 | ① 100 ppm (442 mg/m³)<br>② 200 ppm (884 mg/m³)<br>⑤ (may be absorbed through the skin) |

### 8.1.2. Biological limit values
No data available

### 8.1.3. DNEL-/PNEC-values

| Substance name | DNEL value | ① DNEL type<br>② Exposure route |
|---|---|---|
| **dimethyl ether**<br>CAS No.: 115-10-6<br>EC No.: 204-065-8 | 1,894 mg/m³ | ① DNEL worker<br>② Long-term – inhalation, systemic effects |
| **dimethyl ether**<br>CAS No.: 115-10-6<br>EC No.: 204-065-8 | 471 mg/m³ | ① DNEL Consumer<br>② Long-term – inhalation, systemic effects |
| **Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclene, <5% n-hexane**<br>EC No.: 921-024-6 | 2,035 mg/m³ | ① DNEL worker<br>② Long-term – inhalation, systemic effects |
| **Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclene, <5% n-hexane**<br>EC No.: 921-024-6 | 608 mg/m³ | ① DNEL Consumer<br>② Long-term – inhalation, systemic effects |
| **Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclene, <5% n-hexane**<br>EC No.: 921-024-6 | 773 mg/kg bw/day | ① DNEL worker<br>② Long-term - dermal, systemic effects |
| **Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclene, <5% n-hexane**<br>EC No.: 921-024-6 | 300 mg/kg bw/day | ① DNEL worker<br>② Long-term - dermal, systemic effects |
| **Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclene, <5% n-hexane**<br>EC No.: 921-024-6 | 699 mg/kg bw/day | ① DNEL Consumer<br>② Long-term - dermal, systemic effects |
| **Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclene, <5% n-hexane**<br>EC No.: 921-024-6 | 699 mg/kg bw/day | ① DNEL Consumer<br>② Long-term - oral, systemic effects |

| Substance name | DNEL value | ① DNEL type<br>② Exposure route |
|---|---|---|
| **butan-1-ol**<br>CAS No.: 71-36-3<br>EC No.: 200-751-6 | 310 mg/m³ | ① DNEL worker<br>② Long-term – inhalation, local effects |
| **butan-1-ol**<br>CAS No.: 71-36-3<br>EC No.: 200-751-6 | 55 mg/m³ | ① DNEL Consumer<br>② Long-term – inhalation, local effects |
| **butan-1-ol**<br>CAS No.: 71-36-3<br>EC No.: 200-751-6 | 3.125 mg/kg bw/day | ① DNEL Consumer<br>② Long-term - oral, systemic effects |
| **xylene**<br>CAS No.: 1330-20-7<br>EC No.: 215-535-7 | 221 mg/m³ | ① DNEL worker<br>② Long-term – inhalation, systemic effects |
| **xylene**<br>CAS No.: 1330-20-7<br>EC No.: 215-535-7 | 65.3 mg/m³ | ① DNEL Consumer<br>② Long-term – inhalation, systemic effects |
| **xylene**<br>CAS No.: 1330-20-7<br>EC No.: 215-535-7 | 442 mg/m³ | ① DNEL worker<br>② Acute - inhalation, systemic effects |
| **xylene**<br>CAS No.: 1330-20-7<br>EC No.: 215-535-7 | 260 mg/m³ | ① DNEL Consumer<br>② Acute - inhalation, systemic effects |
| **xylene**<br>CAS No.: 1330-20-7<br>EC No.: 215-535-7 | 221 mg/m³ | ① DNEL worker<br>② Long-term – inhalation, local effects |
| **xylene**<br>CAS No.: 1330-20-7<br>EC No.: 215-535-7 | 65.3 mg/m³ | ① DNEL Consumer<br>② Long-term – inhalation, local effects |
| **xylene**<br>CAS No.: 1330-20-7<br>EC No.: 215-535-7 | 442 mg/m³ | ① DNEL worker<br>② Acute - inhalation, local effects |
| **xylene**<br>CAS No.: 1330-20-7<br>EC No.: 215-535-7 | 260 mg/m³ | ① DNEL Consumer<br>② Acute - inhalation, local effects |
| **xylene**<br>CAS No.: 1330-20-7<br>EC No.: 215-535-7 | 212 mg/kg bw/day | ① DNEL worker<br>② Long-term - dermal, systemic effects |
| **xylene**<br>CAS No.: 1330-20-7<br>EC No.: 215-535-7 | 125 mg/kg bw/day | ① DNEL Consumer<br>② Long-term - dermal, systemic effects |
| **xylene**<br>CAS No.: 1330-20-7<br>EC No.: 215-535-7 | 12.5 mg/kg bw/day | ① DNEL Consumer<br>② Long-term - oral, systemic effects |
| **Reaction mass of ethylbenzene and xylene**<br>EC No.: 905-588-0 | 77 mg/m³ | ① DNEL worker<br>② Long-term – inhalation, systemic effects |
| **Reaction mass of ethylbenzene and xylene**<br>EC No.: 905-588-0 | 14.8 mg/m³ | ① DNEL Consumer<br>② Long-term – inhalation, systemic effects |
| **Reaction mass of ethylbenzene and xylene**<br>EC No.: 905-588-0 | 289 mg/m³ | ① DNEL worker<br>② Acute - inhalation, local effects |
| **Reaction mass of ethylbenzene and xylene**<br>EC No.: 905-588-0 | 180 mg/kg bw/day | ① DNEL worker<br>② Long-term - dermal, systemic effects |
| **Reaction mass of ethylbenzene and xylene**<br>EC No.: 905-588-0 | 108 mg/kg bw/day | ① DNEL Consumer<br>② Long-term - dermal, systemic effects |

## Techno Finisher 500ml

| Substance name | DNEL value | ① DNEL type<br>② Exposure route |
|---|---|---|
| **Reaction mass of ethylbenzene and xylene**<br>EC No.: 905-588-0 | 1.6 mg/kg bw/day | ① DNEL Consumer<br>② Long-term - oral, systemic effects |
| **ethylbenzene**<br>CAS No.: 100-41-4<br>EC No.: 202-849-4 | 77 mg/m³ | ① DNEL worker<br>② Long-term – inhalation, systemic effects |
| **ethylbenzene**<br>CAS No.: 100-41-4<br>EC No.: 202-849-4 | 15 mg/m³ | ① DNEL Consumer<br>② Long-term – inhalation, systemic effects |
| **ethylbenzene**<br>CAS No.: 100-41-4<br>EC No.: 202-849-4 | 293 mg/m³ | ① DNEL worker<br>② Acute - inhalation, local effects |
| **ethylbenzene**<br>CAS No.: 100-41-4<br>EC No.: 202-849-4 | 180 mg/kg | ① DNEL worker<br>② Long-term - dermal, systemic effects |
| **ethylbenzene**<br>CAS No.: 100-41-4<br>EC No.: 202-849-4 | 1.6 mg/kg | ① DNEL Consumer<br>② Long-term - oral, systemic effects |

| Substance name | PNEC Value | ① PNEC type |
|---|---|---|
| **dimethyl ether**<br>CAS No.: 115-10-6<br>EC No.: 204-065-8 | 0.155 mg/L | ① PNEC aquatic, freshwater |
| **dimethyl ether**<br>CAS No.: 115-10-6<br>EC No.: 204-065-8 | 0.016 mg/L | ① PNEC aquatic, marine water |
| **dimethyl ether**<br>CAS No.: 115-10-6<br>EC No.: 204-065-8 | 0.681 mg/kg | ① PNEC sediment, freshwater |
| **dimethyl ether**<br>CAS No.: 115-10-6<br>EC No.: 204-065-8 | 0.069 mg/kg | ① PNEC sediment, marine water |
| **dimethyl ether**<br>CAS No.: 115-10-6<br>EC No.: 204-065-8 | 0.045 mg/kg | ① PNEC soil |
| **dimethyl ether**<br>CAS No.: 115-10-6<br>EC No.: 204-065-8 | 1.549 mg/L | ① PNEC aquatic, intermittent release |
| **butan-1-ol**<br>CAS No.: 71-36-3<br>EC No.: 200-751-6 | 0.082 mg/L | ① PNEC aquatic, freshwater |
| **butan-1-ol**<br>CAS No.: 71-36-3<br>EC No.: 200-751-6 | 0.0082 mg/L | ① PNEC aquatic, marine water |
| **butan-1-ol**<br>CAS No.: 71-36-3<br>EC No.: 200-751-6 | 2,476 mg/L | ① PNEC sewage treatment plant |
| **butan-1-ol**<br>CAS No.: 71-36-3<br>EC No.: 200-751-6 | 0.178 mg/kg | ① PNEC sediment, freshwater |
| **butan-1-ol**<br>CAS No.: 71-36-3<br>EC No.: 200-751-6 | 0.0178 mg/kg | ① PNEC sediment, marine water |
| **butan-1-ol**<br>CAS No.: 71-36-3<br>EC No.: 200-751-6 | 0.015 mg/kg | ① PNEC soil |
| **butan-1-ol**<br>CAS No.: 71-36-3<br>EC No.: 200-751-6 | 2.25 mg/L | ① PNEC aquatic, intermittent release |

| Substance name | PNEC Value | ① PNEC type |
|---|---|---|
| **Reaction mass of ethylbenzene and xylene**<br>EC No.: 905-588-0 | 0.327 mg/L | ① PNEC aquatic, marine water |
| **Reaction mass of ethylbenzene and xylene**<br>EC No.: 905-588-0 | 6.58 mg/L | ① PNEC sewage treatment plant |
| **Reaction mass of ethylbenzene and xylene**<br>EC No.: 905-588-0 | 12.46 mg/L | ① PNEC sediment, freshwater |
| **Reaction mass of ethylbenzene and xylene**<br>EC No.: 905-588-0 | 12.46 mg/L | ① PNEC sediment, marine water |
| **Reaction mass of ethylbenzene and xylene**<br>EC No.: 905-588-0 | 2.31 mg/kg | ① PNEC soil |
| **ethylbenzene**<br>CAS No.: 100-41-4<br>EC No.: 202-849-4 | 0.1 mg/L | ① PNEC aquatic, freshwater |
| **ethylbenzene**<br>CAS No.: 100-41-4<br>EC No.: 202-849-4 | 0.01 mg/L | ① PNEC aquatic, marine water |
| **ethylbenzene**<br>CAS No.: 100-41-4<br>EC No.: 202-849-4 | 13.7 mg/kg | ① PNEC sediment, freshwater |
| **ethylbenzene**<br>CAS No.: 100-41-4<br>EC No.: 202-849-4 | 1.37 mg/kg | ① PNEC sediment, marine water |
| **ethylbenzene**<br>CAS No.: 100-41-4<br>EC No.: 202-849-4 | 2.68 mg/kg | ① PNEC soil |
| **ethylbenzene**<br>CAS No.: 100-41-4<br>EC No.: 202-849-4 | 0.1 mg/L | ① PNEC aquatic, intermittent release |

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

No further details. See section 7.

### 8.2.2. Personal protection equipment



**Eye/face protection:**

Tight-fitting safety goggles

**Skin protection:**

Hand protection:
Wear protective gloves.
Glove material: Butyl caoutchouc (butyl rubber); The selection of a suitable glove depends not only on the material, but also on other quality features and varies from manufacturer to manufacturer.
Penetration time of the glove material: Gloves made of butyl rubber with a material thickness of 0.4mm are resistant to: Acetone 480 min; Butyl acetate 60 min; Ethyl acetate 170 min; Xylene 42 min
Gloves made of butyl rubber with a layer thickness of 0.4 mm are resistant to solvents for 42 - 480 minutes. As a precautionary measure, we recommend users and those responsible for occupational safety to take a resistance of 42 minutes as a basis. Taking into account the information in chapter 3 of the MSDS, it is possible to assume a higher resistance in individual cases.

**Respiratory protection:**

In case of short or low exposure use breathing filter apparatus; in case of intensive or prolonged exposure use self-contained breathing apparatus. Filter A2/P2

**Other protection measures:**
General protective and hygienic measures: Keep away from food, drink and animal feed. Remove contaminated, saturated clothing immediately. Wash hands before breaks and after work. Do not inhale gases/vapours/aerosols. Avoid contact with eyes and skin.

### 8.2.3. Environmental exposure controls
No data available

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**Appearance**

**Form:** Aerosol
**Colour:** colourless
**Odour:** solvent-like
**flammability:** No data available

**Safety relevant basis data**

| Parameter | Value | at °C | ① Method<br>② Remark |
|---|---|---|---|
| Initial boiling point and boiling range | *not applicable* | | ② Aerosol |
| Flash point | *not applicable* | | ② Aerosol |
| Evaporation rate | *not applicable* | | |
| Auto-ignition temperature | > 200 °C | | ② Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclene, <5% n-hexane |
| Upper/lower flammability or explosive limits | 0.7 – 26.2 Vol-% | | ② Hydrocarbons, C9, aromatics - dimethyl ether |
| Vapour pressure | 4,000 hPa | 20 °C | |
| Density | 0.8 g/cm³ | 20 °C | |
| Water solubility | Immiscible | | |

### 9.2. Other information
Organic solvents: 88,5 %
Solid content: 11,7 %

### 9.2.1. Information with regard to physical hazard classes
**Aerosols:**
Extremely flammable aerosol. Pressurized container: May burst if heated.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity
No further relevant information available.

### 10.2. Chemical stability
Thermal decomposition / Conditions to avoid: No decomposition when used as directed.

### 10.3. Possibility of hazardous reactions
No dangerous reactions known.

### 10.4. Conditions to avoid
No further relevant information available.

### 10.5. Incompatible materials
No further relevant information available.

### 10.6. Hazardous decomposition products
No dangerous decomposition products known.

## SECTION 11: Toxicological information

* **11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

| |
|---|
| **dimethyl ether** CAS No.: 115-10-6 EC No.: 204-065-8 |
| **$LD_{50}$ oral:** >2,000 mg/kg |
| **$LD_{50}$ dermal:** >2,000 mg/kg |
| **$LC_{50}$ Acute inhalation toxicity (gas):** 308.5 ppmV 4 h (Rat) |
| **$LC_{50}$ Acute inhalation toxicity (dust/mist):** 308.5 mg/L 4 h (Rat) |
| **Hydrocarbons, C9, aromatics** EC No.: 918-668-5 |
| **$LD_{50}$ oral:** >5,000 mg/kg (Ratte) OECD 401 |
| **$LD_{50}$ dermal:** >2,000 mg/kg (Kaninchen) OECD 402 |
| **Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclene, <5% n-hexane** EC No.: 921-024-6 |
| **$LD_{50}$ oral:** >5,000 mg/kg (Rat) OECD 401 |
| **$LD_{50}$ dermal:** >2,920 mg/kg (Rabbit) |
| **$LC_{50}$ Acute inhalation toxicity (gas):** >20 ppmV 4 h (Rat) OECD 403 |
| **$LC_{50}$ Acute inhalation toxicity (vapour):** >25.2 mg/L 4 h (Rat) |
| **butan-1-ol** CAS No.: 71-36-3 EC No.: 200-751-6 |
| **$LD_{50}$ oral:** 2,292 mg/kg (Rat) |
| **$LD_{50}$ dermal:** 3,430 mg/kg (Rabbit) |
| **$LC_{50}$ Acute inhalation toxicity (gas):** 17,000 ppmV 4 h (Rat) |
| **$LC_{50}$ Acute inhalation toxicity (vapour):** 17 mg/L 4 h (Rat) |
| **$LC_{50}$ Acute inhalation toxicity (dust/mist):** 17,000 mg/L 4 h (Rat) |
| **xylene** CAS No.: 1330-20-7 EC No.: 215-535-7 |
| **$LD_{50}$ oral:** 4,300 mg/kg (Rat) |
| **$LD_{50}$ dermal:** 12,126 mg/kg (Rabbit) |
| **$LC_{50}$ Acute inhalation toxicity (gas):** 29,000 ppmV 4 h (Rat) |
| **$LC_{50}$ Acute inhalation toxicity (vapour):** 29 mg/L 4 h (Rat) |
| **$LC_{50}$ Acute inhalation toxicity (dust/mist):** 6,350 mg/L 4 h (Rat) |
| **Reaction mass of ethylbenzene and xylene** EC No.: 905-588-0 |
| **ATE (dermal):** 1,100 mg/kg |
| **ATE (inhalation, vapour):** 11 mg/L |
| **$LD_{50}$ oral:** >3,523 mg/kg (Rat) |
| **$LD_{50}$ dermal:** >2,000 mg/kg (Rabbit) |
| **$LC_{50}$ Acute inhalation toxicity (gas):** 27.571 ppmV 4 h (Rat) |
| **$LC_{50}$ Acute inhalation toxicity (vapour):** 29,000 mg/L 4 h (Rat) |
| **ethylbenzene** CAS No.: 100-41-4 EC No.: 202-849-4 |
| **$LD_{50}$ oral:** 3,500 mg/kg (Rat) |
| **$LD_{50}$ dermal:** 15,354 mg/kg (Rabbit) |
| **$LC_{50}$ Acute inhalation toxicity (gas):** 17.2 ppmV 4 h (Rat) |
| **$LC_{50}$ Acute inhalation toxicity (dust/mist):** 17.2 mg/L (Rat) |

**Skin corrosion/irritation:**
Causes skin irritation.

**Serious eye damage/irritation:**
Causes serious eye damage.

**Respiratory or skin sensitisation:**
Based on available data, the classification criteria are not met.
No sensitising effect known.

**Germ cell mutagenicity:**
Based on available data, the classification criteria are not met.

**Carcinogenicity:**
Based on available data, the classification criteria are not met.

**Reproductive toxicity:**
Based on available data, the classification criteria are not met.

**STOT-single exposure:**
May cause respiratory irritation. May cause drowsiness or dizziness.

**STOT-repeated exposure:**
Based on available data, the classification criteria are not met.

**Aspiration hazard:**
Based on available data, the classification criteria are not met.

### 11.2. Information on other hazards

**Endocrine disrupting properties:**
None of the ingredients are included.

## SECTION 12: Ecological information

* 

### 12.1. Toxicity

| |
|---|
| **dimethyl ether** CAS No.: 115-10-6 EC No.: 204-065-8 |
| **$LC_{50}$:** >4,000 mg/L 2 d (crustaceans, Daphnia magna) |
| **$LC_{50}$:** >4,000 mg/L 4 d (fish) |
| **$EC_{50}$:** 155 mg/L 4 d (Algae/water plant) |
| **$LC_{50}$:** >4,000 mg/L 2 d (daphnia magna) |
| **$EC_{50}$:** 155 mg/L 4 d (Alge) |
| **$EC_{50}$:** 155 mg/L 4 d (algae) |
| **Hydrocarbons, C9, aromatics** EC No.: 918-668-5 |
| **$EC_{50}$:** 2.75 mg/L 3 d (Pseudokirchneriella subcapitata) |
| **$EC_{50}$:** 302 mg/L 2 d (daphnia magna) |
| **$EC_{50}$:** 9.2 mg/L 4 d (Regenbogenforelle) |
| **Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclene, <5% n-hexane** EC No.: 921-024-6 |
| **$LC_{50}$:** 11.4 mg/L 4 d (fish, Oncorhynchus mykiss) OECD 203 |
| **$EC_{50}$:** 3 mg/L 2 d (crustaceans, Daphnia magna) OECD 202 |
| **NOEC:** 0.17 mg/L 21 d (crustaceans, Daphnia magna) |
| **LOEC:** 0.32 mg/L 21 d (crustaceans, Daphnia magna) |
| **$EC_{50}$:** 30 – 100 mg/L 3 d (Algae/water plant, Pseudokirchneriella subcapitata) |
| **$LC_{50}$:** >1 – 10 mg/L 4 d (fish, Pimephales promelas) |
| **$EC_{50}$:** >1 – 10 mg/L 2 d (crustaceans, Daphnia magna) |
| **NOEC:** 2.045 mg/L 28 d (fish, Oncorhynchus mykiss) |
| **NOEC:** 1 mg/L 21 d (crustaceans, Daphnia magna) OECD 211 |
| **$ErC_{50}$:** 10 – 30 mg/L 3 d (Algae/water plant, Pseudokirchneriella subcapitata) OECD 201 |
| **LOEC:** 0.32 mg/L 21 d (Daphnia magna) |
| **$LC_{50}$:** 11.4 mg/L 4 d (fish) |
| **butan-1-ol** CAS No.: 71-36-3 EC No.: 200-751-6 |
| **$LC_{50}$:** 1,376 mg/L 4 d (fish) |
| **$LC_{50}$:** 1,376 mg/L 4 d (fish) |
| **$LC_{50}$:** 1,376 mg/L 4 d (fish) |
| **$EC_{50}$:** 225 mg/L (Selenastrum capricornutum) |
| **NOEC:** 4.1 mg/L 21 d (Daphnia magna) |
| **$EC_{50}$:** 1,328 mg/L 2 d (Daphnia magna) |

| | |
|---|---|
| **xylene** CAS No.: 1330-20-7 EC No.: 215-535-7 | |
| **$LC_{50}$:** 8.9 – 16.4 mg/L 4 d (fish, Pimephales promelas) | |
| **$EC_{50}$:** 3.2 – 9.5 mg/L 2 d (crustaceans, Daphnia magna) | |
| **$LC_{50}$:** 13.5 mg/L 4 d (fish) | |
| **$EC_{50}$:** 7.4 mg/L 2 d (daphnia magna) | |
| **$LC_{50}$:** >10 – 100 mg/L 4 d (fish) | |
| **$EC_{50}$:** >10 – 100 mg/L 2 d (crustaceans) | |
| **NOEC:** 1.3 mg/L (fish, Oncorhynchus mykiss) | |
| **NOEC:** 1.17 mg/L (crustaceans, Ceriodaphnia dubia) | |
| **Reaction mass of ethylbenzene and xylene** EC No.: 905-588-0 | |
| **$LC_{50}$:** 8.9 – 16.4 mg/L 4 d (fish, Pimephales promelas) | |
| **$EC_{50}$:** 3.2 – 9.5 mg/L 2 d (crustaceans, Daphnia magna) | |
| **NOEC:** 0.44 mg/L 3 d (Algae/water plant) | |
| **$LC_{50}$:** 2.6 mg/L 4 d (fish, Oncorhynchus mykiss) | |
| **$EC_{50}$:** 2.2 mg/L 3 d (Algae/water plant, Chlorella vulgaris) | |
| **NOEC:** >1.39 mg/L (fish, Oncorhynchus kisutch) | |
| **NOEC:** 0.74 mg/L (crustaceans, Ceriodaphnia dubia) | |
| **$LC_{50}$:** 8.9 – 16.4 mg/L 4 d (Pimephales promelas) | |
| **$EC_{50}$:** 3.2 – 9.5 mg/L 2 d (Daphnia magna) | |
| **ethylbenzene** CAS No.: 100-41-4 EC No.: 202-849-4 | |
| **$LC_{50}$:** 42.3 mg/L 4 d (fish, Pimephales promelas) | |
| **$EC_{50}$:** 75 mg/L 2 d (crustaceans, Daphnia magna) | |
| **$EC_{50}$:** 63 mg/L (Algae/water plant, Chlorella vulgaris) | |
| **NOEC:** 0.96 mg/L (crustaceans, Ceriodaphnia dubia) | |
| **$EC_{50}$:** 63 mg/L (Algae/water plant, Chlorella vulgaris) | |

### 12.2. Persistence and degradability

| | |
|---|---|
| **Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclene, <5% n-hexane** EC No.: 921-024-6 | |
| **Biodegradation:** Yes, rapidly | |

### 12.3. Bioaccumulative potential

| | |
|---|---|
| **Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclene, <5% n-hexane** EC No.: 921-024-6 | |
| **Log $K_{OW}$:** 5.2 | |
| **Bioconcentration factor (BCF):** 250 | |
| **xylene** CAS No.: 1330-20-7 EC No.: 215-535-7 | |
| **Log $K_{OW}$:** 2.77 | |
| **Reaction mass of ethylbenzene and xylene** EC No.: 905-588-0 | |
| **Log $K_{OW}$:** 3.16 | |
| **Bioconcentration factor (BCF):** 29 | |
| **ethylbenzene** CAS No.: 100-41-4 EC No.: 202-849-4 | |
| **Log $K_{OW}$:** 3.15 | |

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

| | |
|---|---|
| **dimethyl ether** CAS No.: 115-10-6 EC No.: 204-065-8 | |
| **Results of PBT and vPvB assessment:** — | |
| **Hydrocarbons, C9, aromatics** EC No.: 918-668-5 | |
| **Results of PBT and vPvB assessment:** — | |
| **Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclene, <5% n-hexane** EC No.: 921-024-6 | |
| **Results of PBT and vPvB assessment:** — | |

| | |
|---|---|
| **butan-1-ol** CAS No.: 71-36-3 EC No.: 200-751-6 | |
| **Results of PBT and vPvB assessment:** — | |
| **xylene** CAS No.: 1330-20-7 EC No.: 215-535-7 | |
| **Results of PBT and vPvB assessment:** — | |
| **Reaction mass of ethylbenzene and xylene** EC No.: 905-588-0 | |
| **Results of PBT and vPvB assessment:** — | |
| **ethylbenzene** CAS No.: 100-41-4 EC No.: 202-849-4 | |
| **Results of PBT and vPvB assessment:** — | |

The product does not meet the PBT/vPvB criteria.

### 12.6. Endocrine disrupting properties
The product does not contain any substances with endocrine-disrupting properties.

### 12.7. Other adverse effects
Harmful to fish. Harmful to aquatic life.
water hazard class 2 (Self-assessment): obviously hazardous to water
Do not allow to enter drains/surface water/ground water. Must not be allowed to enter waste water or receiving waters undiluted or unneutralised. Drinking water hazard even when small quantities leak into the subsoil.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods
Must not be disposed of together with household waste. Do not allow to enter drains/surface water/ground water.
Dispose of waste according to applicable legislation.

### 13.1.1. Product/Packaging disposal

### Waste codes/waste designations according to EWC/AVV
**Waste code product**

| | |
|---|---|
| 08 01 11 * | Waste paint and varnish containing organic solvents or other dangerous substances |
| 15 01 04 | metallic packaging |

**: Evidence for disposal must be provided.*

### Waste treatment options
**Appropriate disposal / Package:**
Dispose of waste according to applicable legislation.

## SECTION 14: Transport information

| Land transport (ADR/RID) | Inland waterway craft (ADN) | Sea transport (IMDG) | Air transport (ICAO-TI / IATA-DGR) |
|---|---|---|---|
| **14.1. UN number or ID number** | | | |
| UN 1950 | UN 1950 | UN 1950 | UN 1950 |
| **14.2. UN proper shipping name** | | | |
| AEROSOLS | AEROSOLS | AEROSOLS | AEROSOLS, Flammable |
| **14.3. Transport hazard class(es)** | | | |
|  2.1 |  2.1 |  2.1 |  2.1 |
| **14.4. Packing group** | | | |
| not determined | not determined | - | |
| **14.5. Environmental hazards** | | | |
| No | No data available | No | No |
| **14.6. Special precautions for user** | | | |
| **Special Provisions:** Attention: Gases | **Special Provisions:** Attention: Gases | **Special Provisions:** Attention: Gases | **Special Provisions:** Attention: Gases |

| Land transport (ADR/RID) | Inland waterway craft (ADN) | Sea transport (IMDG) | Air transport (ICAO-TI / IATA-DGR) |
|---|---|---|---|
| **Limited quantity (LQ):**<br>1L<br>**Excepted Quantities (EQ):**<br>E0<br>**Classification code:**<br>5F<br>**Tunnel restriction code:**<br>(D) | **Classification code:**<br>- | **Limited quantity (LQ):**<br>1L<br>**Excepted Quantities (EQ):**<br>E0<br>**EmS-No.:**<br>F-D,S-U<br>**Remark:**<br>Stowage Code:<br>SW1 Protected from sources of heat.<br>SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.<br><br>Segregation Code:<br>SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.<br>For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2.<br>For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2. | |

### 14.7. Maritime transport in bulk according to IMO instruments
No data available

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU legislation

**Authorisations:**
Directive 2012/18/EU
Named dangerous substances - ANNEX I: None of the ingredients are included.
Seveso category P3a FLAMMABLE AEROSOLS

**Restrictions on use:**
Quantity threshold (in tons) for use in lower class farms 150 t
Quantity threshold (in tons) for use in upper-tier establishments 500 t
Regulation (EC) 2019/1021 [POP Regulation]: None of the ingredients are included.
Regulation (EC) No 1907/2006 ANNEX XVII Restriction conditions: 3
Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II: None of the ingredients are included.

**Directive 2004/42/EC on the limitation of emissions of volatile organic compounds:**
Volatile organic compounds (VOC) content in percent by weight: 88.49 Vol-%

#### 15.1.2. National regulations
No data available

### 15.2. Chemical Safety Assessment
A chemical safety assessment has not been carried out.

## SECTION 16: Other information

* 
### 16.1. Indication of changes

| | |
|---|---|
| 1.3. | Details of the supplier of the safety data sheet |
| 3.2. | Mixtures |
| 8.1. | Control parameters |
| 11.1. | Information on hazard classes as defined in Regulation (EC) No 1272/2008 |
| 12.1. | Toxicity |
| 15.3. | Additional information |
| 16.1. | Indication of changes |

Limit value / limit values updated: DE, HR, SI

### 16.2. Abbreviations and acronyms

| | |
|---|---|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| BCF | Bioconcentration Factor |
| CAS | Chemical Abstracts Service |
| CLP | Classification, Labelling and Packaging |
| DNEL | derived no-effect level |
| $EC_{50}$ | Effective Concentration 50% |
| ES | Exposure scenario |
| EWC | European Waste Catalogue |
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods |
| IMO | International Maritime Organization |
| KG | body weight |
| $LC_{50}$ | Lethal (fatal) Concentration 50% |
| $LD_{50}$ | Lethal (fatal) Dose 50% |
| MAK | Maximum concentration in the workplace air (CH) |
| NFPA | National Fire Protection Association |
| NIOSH | National Institute for Occupational Safety & Health |
| NOEC | No Observed Effect Concentration |
| OECD | Organisation for Economic Cooperation and Development |
| OEL | Threshold Limit Value |
| OSHA | Occupational Safety & Health Administration |
| PBT | persistent and bioaccumulative and toxic |
| PC | Product category |
| PNEC | Predicted No Effect Concentration |
| PROC | Process Category |
| REACH | Registration, Evaluation and Authorization of Chemicals |
| RID | Dangerous goods regulations for transport by rail |
| SVHC | substances of very high concern |
| TRGS | Technische Regeln für Gefahrstoffe |
| UN | United Nations |
| VOC | Volatile organic compounds |

### 16.3. Key literature references and sources for data
No data available

### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

| Hazard classes and hazard categories | Hazard statements | Classification procedure |
|---|---|---|
| aerosol dispensers and lighters *(Aerosol 1)* | H222; H229: Extremely flammable aerosol. Pressurised container: May burst if heated. | |
| Serious eye damage/eye irritation *(Eye Dam. 1)* | H318: Causes serious eye damage. | |
| Skin corrosion/irritation *(Skin Irrit. 2)* | H315: Causes skin irritation. | |
| STOT-single exposure *(STOT SE 3)* | H335: May cause respiratory irritation. | |
| Hazardous to the aquatic environment *(Aquatic Chronic 3)* | H412: Harmful to aquatic life with long lasting effects. | |
| STOT-single exposure *(STOT SE 3)* | H336: May cause drowsiness or dizziness. | |

### 16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

| Hazard statements | |
|---|---|
| H220 | Extremely flammable gas. |
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H280 | Contains gas under pressure; may explode if heated. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

### 16.6. Training advice
No data available

### 16.7. Additional information
To the best of our knowledge, the information contained herein is accurate. However, neither the above-mentioned supplier nor its subsidiaries assume any liability with regard to the correctness or completeness of the information provided. A final determination of the suitability of individual materials is the sole responsibility of the user. All materials may involve unknown risks and should be used with caution. While certain risks are described herein, we cannot guarantee that these are the only possible risks.

* Data changed compared with the previous version.