



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Revision date 30-Jan-2025

Revision Number 1

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

1.1. Product identifier

Safety data sheet number FG-7040

Product Name Ease Release 200, 300, 400, 500, 700, 2300, 2910

Other means of identification

Unique Formula Identifier (UFI) SH10-F03N-D00S-YCHV

Pure substance/mixture Mixture

Contains Mineral Spirits; Xylene; Ethylbenzene

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

Recommended use Aerosol

Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

For further information, please contact

1.4. Emergency telephone number

Emergency Telephone No information available

| Emergency Telephone - §45 - (EC)1272/2008 | |
|---|---|
| Europe | 112 |
| Austria | 01 406 43 43 |
| Belgium | 070 245 245 |
| Bulgaria | +359 9154 233 |
| Croatia | +385 1 2348 342 |
| Cyprus | 1401 |
| Czech Republic | 224 91 92 93 22191 54 02 |
| Denmark | +45 8212 1212 |
| Estonia | 16662 |
| Finland | Maksuton Puhelu: 0800 147 111 Normihinta: +358 9 471 977 |
| France | +33 01 45 42 59 59 |
| Germany | 112 |
| Greece | (0030) 2107793777 |
| Hungary | +36 80 201 199 |
| Iceland | +354 543 2222 |
| Ireland | 01 837 9964 01 809 2566 |
| Italy | 06 3054 343 |
| Latvia | +370 (5) 2362052 |

| | |
|----------------|-------------------------------------|
| Liechtenstein | 01 406 43 43 |
| Lithuania | +370 5 236 20 52 +370 687 533 78 |
| Luxembourg | (+352) 8002 5500 |
| Netherlands | +31 (0) 88 755 8000 |
| Norway | 22 59 13 00 |
| Poland | +48 22 619 66 54 |
| Portugal | +351 800 250 250 |
| Romania | +40 21 599 2300 |
| Slovakia | +421 2 5477 4166 |
| Spain | +34 91 562 04 20 |
| Sweden | 112 |
| Switzerland | 145 |
| United Kingdom | 0344 892 0111 |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

| | |
|--|---------------------------|
| Aerosols | Category 2 - (H223, H229) |
| Specific target organ toxicity (repeated exposure) | Category 2 - (H373) |
| Chronic aquatic toxicity | Category 3 - (H412) |

2.2. Label elements

Contains Mineral Spirits; Xylene; Ethylbenzene



Signal word

Danger

Hazard statements

H223 - Flammable aerosol. H229 - Pressurized container: May burst if heated.
 H373 - May cause damage to organs through prolonged or repeated exposure.
 H412 - Harmful to aquatic life with long lasting effects.

Precautionary Statements - EU (§28, 1272/2008)

P201 - Obtain special instructions before use.
 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/vapors/spray.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P308 + P313 - IF exposed or concerned: Get medical advice/attention.
 P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Additional information

This product requires tactile warnings if supplied to the general public.

2.3. Other hazards

Harmful to aquatic life.

Endocrine Disruptor Information This product does not contain any known or suspected endocrine disruptors.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Chemical name | Weight-% | REACH registration number | EC No (EU Index No) | Classification according to Regulation (EC) No. 1272/2008 [CLP] | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) |
|-------------------------------|-----------|---------------------------|-----------------------------|---|------------------------------------|----------|----------------------|
| Dimethyl ether 115-10-6 | 25 - 50 | No data available | 204-065-8 (603-019-00-8) | Flam. Gas 1 (H220) Press. Gas | - | - | - |
| 1,1-difluoroethane 75-37-6 | 25 - 50 | No data available | 200-866-1 | No data available | - | - | - |
| Mineral Spirits 8052-41-3 | 0.5 - 1.5 | No data available | 232-489-3 (649-345-00-4) | Muta. 1B (H340) Carc. 1B (H350) STOT RE 1 (H372) Asp. Tox. 1 (H304) | - | - | - |
| Xylene 1330-20-7 | 0.1 - 1 | No data available | 215-535-7 (601-022-00-9) | Acute Tox. 4 (H312) Acute Tox. 4 (H332) Skin Irrit. 2 (H315) Flam. Liq. 3 (H226) | - | - | - |
| Ethylbenzene 100-41-4 | 0.1 - 1 | No data available | 202-849-4 (601-023-00-4) | Acute Tox. 4 (H332) STOT RE 2 (H373) Asp. Tox. 1 (H304) Flam. Liq. 2 (H225) | - | - | - |

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

Acute Toxicity Estimate

If LD50/LC50 data is not available or does not correspond to the classification category, then the appropriate conversion value from CLP Annex I, Table 3.1.2, is used to calculate the acute toxicity estimate (ATEmix) for classifying a mixture based on its components

| Chemical name | Oral LD50 mg/kg | Dermal LD50 mg/kg | Inhalation LC50 - 4 hour - dust/mist - mg/L | Inhalation LC50 - 4 hour - vapor - mg/L | Inhalation LC50 - 4 hour - gas - ppm |
|-------------------------------|-------------------|-------------------|---|---|--------------------------------------|
| 1,1-difluoroethane 75-37-6 | No data available | No data available | No data available | No data available | 437500 |
| Mineral Spirits 8052-41-3 | No data available | 3000 | 5.5 | No data available | No data available |
| Xylene 1330-20-7 | 3500 | 4350 | No data available | No data available | No data available |
| Ethylbenzene 100-41-4 | 3500 | 15400 | 17.4 | No data available | No data available |

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures**4.1. Description of first aid measures**

| | |
|---|---|
| General advice | Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention. |
| Inhalation | Remove to fresh air. |
| Eye contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists. |
| Skin contact | Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician. |
| Ingestion | Rinse mouth. |
| Self-protection of the first aider | Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8). |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|----------------------------|---|
| Symptoms | No information available. |
| Effects of Exposure | May cause cancer. Mutagenic effects. May cause damage to organs through prolonged or repeated exposure. |

4.3. Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|------------------------|
| Note to physicians | Treat symptomatically. |
|---------------------------|------------------------|

SECTION 5: Firefighting measures**5.1. Extinguishing media**

| | |
|---------------------------------------|--|
| Suitable Extinguishing Media | Dry chemical. Carbon dioxide (CO ₂). Water spray. |
| Large Fire | CAUTION: Use of water spray when fighting fire may be inefficient. |
| Unsuitable extinguishing media | DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED. |

5.2. Special hazards arising from the substance or mixture

| | |
|---|--|
| Specific hazards arising from the chemical | Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Cylinders may rupture under extreme heat. Damaged cylinders should be handled only by specialists. Containers may explode when heated. |
|---|--|

5.3. Advice for firefighters

| | |
|---|--|
| Special protective equipment and precautions for fire-fighters | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |
|---|--|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1- Recommendations for those who intervene directly

No information available.

6.1.2.- Recommendations for those who do not intervene directly

No information available.

Personal precautions

Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges. Avoid breathing dust/fume/gas/mist/vapors/spray.

Other information

Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions

Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

6.3. Methods and material for containment and cleaning up

Methods for containment

Stop leak if you can do it without risk. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Flood with water to complete polymerization and scrape off floor.

Methods for cleaning up

Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

Prevention of secondary hazards

Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections

See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use personal protection equipment. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use spark-proof tools and explosion-proof equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Keep in an area equipped with sprinklers. Do not puncture or incinerate cans. Contents under pressure. In case of rupture. Avoid breathing vapors or mists. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes.

General hygiene considerations

Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Protect from sunlight. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store in a cool, dry area away from potential sources of heat, open flames, sunlight or other chemicals. Store locked up.

Storage class (TRGS 510)

Storage class 2B.

7.3. Specific end use(s)

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters**Exposure Limits**

| Chemical name | European Union | Austria | Belgium | Bulgaria | Croatia |
|-------------------------------|---|---|--|--|---|
| Dimethyl ether 115-10-6 | TWA: 1000 ppm TWA: 1920 mg/m ³ | TWA: 1000 ppm TWA: 1910 mg/m ³ STEL 2000 ppm STEL 3820 mg/m ³ | TWA: 1000 ppm TWA: 1920 mg/m ³ | TWA: 1000 ppm TWA: 1920 mg/m ³ | TWA: 1000 ppm TWA: 1920 mg/m ³ |
| 1,1-difluoroethane 75-37-6 | - | - | - | TWA: 3000 mg/m ³ | - |
| Mineral Spirits 8052-41-3 | - | - | TWA: 100 ppm TWA: 533 mg/m ³ | - | - |
| Xylene 1330-20-7 | TWA: 50 ppm TWA: 221 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ Sk* | TWA: 50 ppm TWA: 221 mg/m ³ STEL 100 ppm STEL 442 mg/m ³ | TWA: 50 ppm TWA: 221 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ Sk* | TWA: 50 ppm TWA: 221.0 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ Sk* | TWA: 50 ppm TWA: 221 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ Sk* |
| Ethylbenzene 100-41-4 | TWA: 100 ppm TWA: 442 mg/m ³ STEL: 200 ppm STEL: 884 mg/m ³ Sk* | TWA: 100 ppm TWA: 440 mg/m ³ STEL 200 ppm STEL 880 mg/m ³ Sk* | TWA: 20 ppm TWA: 87 mg/m ³ STEL: 125 ppm STEL: 551 mg/m ³ Sk* | TWA: 435 mg/m ³ STEL: 545 mg/m ³ Sk* | TWA: 100 ppm TWA: 442 mg/m ³ STEL: 200 ppm STEL: 884 mg/m ³ Sk* |
| Chemical name | Cyprus | Czech Republic | Denmark | Estonia | Finland |
| Dimethyl ether 115-10-6 | TWA: 1000 ppm TWA: 1920 mg/m ³ | TWA: 1000 mg/m ³ Ceiling: 2000 mg/m ³ | TWA: 1000 ppm TWA: 1920 mg/m ³ STEL: 2000 ppm STEL: 3840 mg/m ³ | TWA: 1000 ppm TWA: 1920 mg/m ³ | TWA: 1000 ppm TWA: 2000 mg/m ³ |
| Mineral Spirits 8052-41-3 | - | TWA: 200 mg/m ³ Ceiling: 1000 mg/m ³ | TWA: 25 ppm TWA: 145 mg/m ³ STEL: 50 ppm =<20% Aromatic compounds STEL: 290 mg/m ³ =<20% Aromatic compounds | TWA: 50 ppm TWA: 300 mg/m ³ STEL: 100 ppm STEL: 600 mg/m ³ | - |
| Xylene 1330-20-7 | TWA: 50 ppm TWA: 221 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ | TWA: 200 mg/m ³ Sk* Ceiling: 400 mg/m ³ | TWA: 25 ppm TWA: 109 mg/m ³ STEL: 442 mg/m ³ STEL: 100 ppm | TWA: 50 ppm TWA: 200 mg/m ³ STEL: 100 ppm STEL: 450 mg/m ³ | TWA: 50 ppm TWA: 220 mg/m ³ STEL: 100 ppm STEL: 440 mg/m ³ |

| | | | | | |
|-------------------------------|--|---|---|--|---|
| Ethylbenzene 100-41-4 | Sk* TWA: 100 ppm TWA: 442 mg/m ³ STEL: 200 ppm STEL: 884 mg/m ³ Sk* | TWA: 200 mg/m ³ Sk* Ceiling: 500 mg/m ³ | Sk* TWA: 50 ppm TWA: 217 mg/m ³ STEL: 434 mg/m ³ STEL: 100 ppm Sk* | Sk* TWA: 100 ppm TWA: 442 mg/m ³ STEL: 200 ppm STEL: 884 mg/m ³ Sk* S+ | Sk* TWA: 50 ppm TWA: 220 mg/m ³ STEL: 200 ppm STEL: 880 mg/m ³ Sk* |
| Chemical name | France | Germany TRGS | Germany DFG | Greece | Hungary |
| Dimethyl ether 115-10-6 | TWA: 1000 ppm TWA: 1920 mg/m ³ | TWA: 1000 ppm TWA: 1900 mg/m ³ | TWA: 1000 ppm TWA: 1900 mg/m ³ Peak: 8000 ppm Peak: 15200 mg/m ³ | TWA: 1000 ppm TWA: 1920 mg/m ³ | TWA: 1000 ppm TWA: 1920 mg/m ³ |
| Mineral Spirits 8052-41-3 | - | - | - | TWA: 100 ppm TWA: 575 mg/m ³ STEL: 125 ppm STEL: 720 mg/m ³ | - |
| Xylene 1330-20-7 | TWA: 50 ppm TWA: 221 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ Sk* | TWA: 50 ppm TWA: 220 mg/m ³ Sk* | TWA: 50 ppm TWA: 220 mg/m ³ Peak: 100 ppm Peak: 440 mg/m ³ Sk* | TWA: 100 ppm TWA: 435 mg/m ³ STEL: 150 ppm STEL: 650 mg/m ³ Sk* | TWA: 221 mg/m ³ TWA: 50 ppm STEL: 442 mg/m ³ STEL: 100 ppm Sk* |
| Ethylbenzene 100-41-4 | TWA: 20 ppm TWA: 88.4 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ Sk* | TWA: 20 ppm TWA: 88 mg/m ³ Sk* | TWA: 20 ppm TWA: 88 mg/m ³ Peak: 40 ppm Peak: 176 mg/m ³ Sk* | TWA: 100 ppm TWA: 435 mg/m ³ STEL: 125 ppm STEL: 545 mg/m ³ | TWA: 100 ppm TWA: 442 mg/m ³ STEL: 200 ppm STEL: 884 mg/m ³ Sk* |
| Chemical name | Ireland | Italy MDLPS | Italy AIDII | Latvia | Lithuania |
| Dimethyl ether 115-10-6 | TWA: 1000 ppm TWA: 1920 mg/m ³ STEL: 3000 ppm STEL: 5760 mg/m ³ | TWA: 1000 ppm TWA: 1920 mg/m ³ | - | TWA: 1000 ppm TWA: 1920 mg/m ³ | TWA: 1000 ppm TWA: 1920 mg/m ³ STEL: 1500 ppm STEL: 2280 mg/m ³ |
| 1,1-difluoroethane 75-37-6 | - | - | - | TWA: 2 ppm TWA: 20 mg/m ³ | - |
| Mineral Spirits 8052-41-3 | TWA: 100 ppm TWA: 573 mg/m ³ | - | TWA: 100 ppm TWA: 573 mg/m ³ | - | TWA: 50 ppm TWA: 300 mg/m ³ STEL: 600 mg/m ³ STEL: 100 ppm |
| Xylene 1330-20-7 | TWA: 50 ppm TWA: 221 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ Sk* | TWA: 50 ppm TWA: 221 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ Sk* | TWA: 100 ppm TWA: 434 mg/m ³ STEL: 150 ppm STEL: 651 mg/m ³ | TWA: 50 ppm TWA: 221 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ Sk* | TWA: 221 mg/m ³ TWA: 50 ppm STEL: 442 mg/m ³ STEL: 100 ppm Sk* |
| Ethylbenzene 100-41-4 | TWA: 100 ppm TWA: 442 mg/m ³ STEL: 200 ppm STEL: 884 mg/m ³ Sk* | TWA: 100 ppm TWA: 442 mg/m ³ STEL: 200 ppm STEL: 884 mg/m ³ Sk* | TWA: 20 ppm TWA: 87 mg/m ³ | TWA: 100 ppm TWA: 442 mg/m ³ STEL: 200 ppm STEL: 884 mg/m ³ Sk* | TWA: 100 ppm TWA: 442 mg/m ³ STEL: 200 ppm STEL: 884 mg/m ³ Sk* |
| Chemical name | Luxembourg | Malta | Netherlands | Norway | Poland |
| Dimethyl ether 115-10-6 | TWA: 1000 ppm TWA: 1920 mg/m ³ | TWA: 1000 ppm TWA: 1920 mg/m ³ | TWA: 495 ppm TWA: 950 mg/m ³ STEL: 781 ppm STEL: 1500 mg/m ³ | TWA: 200 ppm TWA: 384 mg/m ³ STEL: 250 ppm STEL: 480 mg/m ³ | TWA: 1000 mg/m ³ |
| Mineral Spirits 8052-41-3 | - | - | - | - | TWA: 300 mg/m ³ STEL: 900 mg/m ³ |
| Xylene 1330-20-7 | TWA: 50 ppm TWA: 221 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ Sk* | TWA: 50 ppm TWA: 221 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ Sk* | TWA: 47.5 ppm TWA: 210 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ Sk* | TWA: 25 ppm TWA: 108 mg/m ³ STEL: 37.5 ppm STEL: 135 mg/m ³ Sk* | TWA: 100 mg/m ³ STEL: 200 mg/m ³ Sk* |

| | | | | | |
|------------------------------|--|---|---|---|---|
| Ethylbenzene 100-41-4 | TWA: 100 ppm TWA: 442 mg/m ³ STEL: 200 ppm STEL: 884 mg/m ³ Sk* | TWA: 100 ppm TWA: 442 mg/m ³ STEL: 200 ppm STEL: 884 mg/m ³ Sk* | TWA: 48.6 ppm TWA: 215 mg/m ³ STEL: 97.3 ppm STEL: 430 mg/m ³ Sk* | TWA: 5 ppm TWA: 20 mg/m ³ STEL: 10 ppm STEL: 30 mg/m ³ Sk* | TWA: 200 mg/m ³ STEL: 400 mg/m ³ Sk* |
| Chemical name | Portugal | Romania | Slovakia | Slovenia | Spain |
| Dimethyl ether 115-10-6 | TWA: 1000 ppm TWA: 1920 mg/m ³ | TWA: 1000 ppm TWA: 1920 mg/m ³ | TWA: 1000 ppm TWA: 1920 mg/m ³ | TWA: 1000 ppm TWA: 1920 mg/m ³ STEL: 15360 mg/m ³ STEL: 8000 ppm | TWA: 1000 ppm TWA: 1920 mg/m ³ |
| Mineral Spirits 8052-41-3 | TWA: 100 ppm | - | - | - | - |
| Xylene 1330-20-7 | TWA: 50 ppm TWA: 221 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ Sk* | TWA: 50 ppm TWA: 221 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ Sk* | TWA: 50 ppm TWA: 221 mg/m ³ Sk* Ceiling: 442 mg/m ³ | TWA: 50 ppm TWA: 221 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ Sk* | TWA: 50 ppm TWA: 221 mg/m ³ STEL: 100 ppm STEL: 442 mg/m ³ Sk* |
| Ethylbenzene 100-41-4 | TWA: 100 ppm TWA: 442 mg/m ³ STEL: 200 ppm STEL: 884 mg/m ³ Sk* | TWA: 100 ppm TWA: 442 mg/m ³ STEL: 200 ppm STEL: 884 mg/m ³ Sk* | TWA: 100 ppm TWA: 442 mg/m ³ Sk* Ceiling: 884 mg/m ³ | TWA: 100 ppm TWA: 442 mg/m ³ STEL: 200 ppm STEL: 884 mg/m ³ Sk* | TWA: 100 ppm TWA: 441 mg/m ³ STEL: 200 ppm STEL: 884 mg/m ³ Sk* |
| Chemical name | Sweden | | Switzerland | United Kingdom | |
| Dimethyl ether 115-10-6 | NGV: 500 ppm NGV: 950 mg/m ³ Vägledande KGV: 800 ppm Vägledande KGV: 1500 mg/m ³ | | TWA: 1000 ppm TWA: 1910 mg/m ³ | TWA: 400 ppm TWA: 766 mg/m ³ STEL: 500 ppm STEL: 958 mg/m ³ | |
| Mineral Spirits 8052-41-3 | NGV: 300 mg/m ³ NGV: 50 ppm NGV: 175 mg/m ³ NGV: 30 ppm Vägledande KGV: 100 ppm Vägledande KGV: 600 mg/m ³ Vägledande KGV: 60 ppm Vägledande KGV: 350 mg/m ³ Sk* | | - | - | |
| Xylene 1330-20-7 | NGV: 50 ppm NGV: 221 mg/m ³ Bindande KGV: 100 ppm Bindande KGV: 442 mg/m ³ Sk* | | TWA: 50 ppm TWA: 220 mg/m ³ STEL: 100 ppm STEL: 440 mg/m ³ Sk* | TWA: 50 ppm TWA: 220 mg/m ³ STEL: 100 ppm STEL: 441 mg/m ³ Sk* | |
| Ethylbenzene 100-41-4 | NGV: 50 ppm NGV: 220 mg/m ³ Bindande KGV: 200 ppm Bindande KGV: 884 mg/m ³ Sk* | | TWA: 50 ppm TWA: 220 mg/m ³ STEL: 50 ppm STEL: 220 mg/m ³ Sk* | TWA: 100 ppm TWA: 441 mg/m ³ STEL: 125 ppm STEL: 552 mg/m ³ Sk* | |

Biological occupational exposure limits

| Chemical name | European Union | Austria | Bulgaria | Croatia | Czech Republic |
|---------------------|----------------|---|----------|---|---|
| Xylene 1330-20-7 | - | Check 1.5 g/L (urine - Methylhippuric acid after end of work day, at the end of a work week/end of the shift) | - | 1.50 mg/L - blood (Xylene) - at the end of the work shift 1.50 g/g Creatinine - urine (Methylhippuric acid) - at the end of the | 820 µmol/mmol Creatinine (urine - Methylhippuric acid end of shift) 1400 mg/g Creatinine (urine - Methylhippuric acid |

| | | | | | |
|--------------------------|--|--|---|---|--|
| Ethylbenzene 100-41-4 | - | - | 2000 mg/g Creatinine - urine (Mandelic acid and Phenylglyoxylic acid - total) - at the end of exposure or end of work shift | work shift 1.50 mg/L - blood (Ethylbenzene) - during exposure 1.50 g/g Creatinine - urine (Mandelic acid) - at the end of the work shift and at the end of the working week | end of shift) 1100 µmol/mmol Creatinine (urine - Mandelic acid end of shift) 1500 mg/g Creatinine (urine - Mandelic acid end of shift) |
| Chemical name | Denmark | Finland | France | Germany DFG | Germany TRGS |
| Xylene 1330-20-7 | - | 5.0 mmol/L (urine - Methylhippuric acid after the shift) | - urine (Methylhippuric acid) - end of shift | 2000 mg/L (urine - Methylhippuric(tolur-)acid (all isomers) end of shift) 2000 mg/L - BAT (end of exposure or end of shift) urine | 2000 mg/L (urine - Methylhippuric(tolur-)acid (all isomers) end of shift) |
| Ethylbenzene 100-41-4 | - | 5.2 mmol/L (urine - Mandelic acid after the shift after a working week or exposure period) | - urine (Mandelic acid) - end of shift at end of workweek | 250 mg/g Creatinine (urine - Mandelic acid plus Phenylglyoxylic acid end of shift) 250 mg/g Creatinine - BAT (end of exposure or end of shift) urine 130 mg/g Creatinine - (end of exposure or end of shift) - urine 250 mg/g Creatinine - (end of exposure or end of shift) - urine 330 mg/g Creatinine - (end of exposure or end of shift) - urine 670 mg/g Creatinine - (end of exposure or end of shift) - urine 1300 mg/g Creatinine - (end of exposure or end of shift) - urine | 250 mg/g Creatinine (urine - Mandelic acid plus Phenylglyoxylic acid end of shift) |
| Chemical name | Hungary | Ireland | Italy MDLPS | Italy AIDII | |
| Xylene 1330-20-7 | 1500 mg/g Creatinine (urine - Methyl hippuric acid end of shift) 860 µmol/mmol Creatinine (urine - Methyl hippuric acid end of shift) | 1.5 g/g Creatinine (urine - Methylhippuric acids end of shift) | - | 1.5 g/g Creatinine - urine (Methylhippuric acid) - end of shift | |
| Ethylbenzene 100-41-4 | 1500 mg/g Creatinine (urine - Mandelic acid at end of workweek, end of shift) 1110 µmol/mmol | 0.7 g/g Creatinine (urine - sum of Mandelic acid and Phenylglyoxylic acid end of shift at end of workweek) | - | 0.15 g/g Creatinine - urine (Sum of Mandelic acid and Phenylglyoxylic acid) - end of shift at end of workweek | |

| Chemical name | Latvia | Luxembourg | Romania | Slovakia |
|-------------------------------|---|--|---|--|
| 1,1-difluoroethane 75-37-6 | - | - | 5 mg/g Creatinine - urine (Fluorine) - end of shift | - |
| Xylene 1330-20-7 | - | - | 3 g/L - urine (Methylhippuric acid) - end of shift | 1.5 mg/L (blood - Xylene end of exposure or work shift) 2000 mg/L (urine - Methylhippuric acid end of exposure or work shift) |
| Ethylbenzene 100-41-4 | - | - | 1.5 g/g Creatinine - urine (Mandelic acid) - end of work week | 12 mg/L (urine - 2 and 4-Ethylphenol end of exposure or work shift) 1600 mg/L (urine - Mandelic acid and Phenylglycolic acid end of exposure or work shift) |
| Chemical name | Slovenia | Spain | Switzerland | United Kingdom |
| Xylene 1330-20-7 | 2 g/L - urine (Methylhippuric acid (all isomers)) - at the end of the work shift | 1 g/g Creatinine (urine - Methylhippuric acids end of shift) | 2 g/L (urine - Methylhippuric acid end of shift) | 650 mmol/mol creatinine - urine (Methyl hippuric acid) - post shift |
| Ethylbenzene 100-41-4 | 250 mg/g Creatinine - urine (Mandelic acid and Phenylglyoxylic acid) - at the end of the work shift | 700 mg/g Creatinine (urine - Mandelic acid plus Phenylglyoxylic acid end of workweek) | 600 mg/g creatinine (urine - Mandelic acid and Phenylglyoxylacid end of shift) | - |

Derived No Effect Level (DNEL) - Workers

| Chemical name | Oral | Dermal | Inhalation |
|------------------------------|------|---|--|
| Dimethyl ether 115-10-6 | - | - | 1894 mg/m ³ [4] [6] |
| Mineral Spirits 8052-41-3 | - | 80 mg/kg bw/day [4] [6] 30 mg/kg bw/day [4] [7] 7.56 mg/cm ² [5] [6] | 44 mg/m ³ [4] [6] 55 mg/m ³ [4] [7] 44 mg/m ³ [5] [6] 55 mg/m ³ [5] [7] |
| Xylene 1330-20-7 | - | 212 mg/kg bw/day [4] [6] | 221 mg/m ³ [4] [6] 442 mg/m ³ [4] [7] 221 mg/m ³ [5] [6] 442 mg/m ³ [5] [7] |
| Ethylbenzene 100-41-4 | - | 180 mg/kg bw/day [4] [6] | 77 mg/m ³ [4] [6] 293 mg/m ³ [5] [7] |

Notes

- [4] Systemic health effects.
 [5] Local health effects.
 [6] Long term.
 [7] Short term.

Derived No Effect Level (DNEL) - General Public

| Chemical name | Oral | Dermal | Inhalation |
|------------------------------|---|---|--|
| Dimethyl ether 115-10-6 | - | - | 471 mg/m ³ [4] [6] |
| Mineral Spirits 8052-41-3 | 10.56 mg/kg bw/day [4] [6] 50 mg/kg bw/day [4] [7] | 60 mg/kg bw/day [4] [6] 60 mg/kg bw/day [4] [7] 3.78 mg/cm ² [5] [6] | 22 mg/m ³ [4] [6] 55 mg/m ³ [4] [7] 22 mg/m ³ [5] [6] 55 mg/m ³ [5] [7] |
| Xylene 1330-20-7 | 12.5 mg/kg bw/day [4] [6] | - | 65.3 mg/m ³ [4] [6] 260 mg/m ³ [4] [7] 65.3 mg/m ³ [5] [6] 260 mg/m ³ [5] [7] |
| Ethylbenzene 100-41-4 | 1.6 mg/kg bw/day [4] [6] | - | 15 mg/m ³ [4] [6] |

Notes

[4]

Systemic health effects.

[5]

Local health effects.

[6]

Long term.

[7]

Short term.

Predicted No Effect Concentration (PNEC)

| Chemical name | Freshwater | Freshwater (intermittent release) | Marine water | Marine water (intermittent release) | Air |
|------------------------------|------------|--------------------------------------|--------------|--|----------------------|
| Dimethyl ether 115-10-6 | 0.155 mg/L | 1.549 mg/L | 0.016 mg/L | - | - |
| Mineral Spirits 8052-41-3 | 0.14 mg/L | 0.014 mg/L | 0.35 mg/L | - | 10 mg/m ³ |
| Xylene 1330-20-7 | 0.327 mg/L | 0.327 mg/L | 0.327 mg/L | - | - |

| Chemical name | Freshwater sediment | Marine sediment | Sewage treatment | Soil | Food chain |
|------------------------------|----------------------------|----------------------------|------------------|---------------------|------------|
| Dimethyl ether 115-10-6 | 0.681 mg/kg sediment dw | 0.069 mg/kg sediment dw | 160 mg/L | 0.045 mg/kg soil dw | - |
| Mineral Spirits 8052-41-3 | 1.14 mg/kg sediment dw | 0.14 mg/kg sediment dw | - | - | - |
| Xylene 1330-20-7 | 12.46 mg/kg sediment dw | 12.46 mg/kg sediment dw | 6.58 mg/L | 2.31 mg/kg soil dw | - |

8.2. Exposure controls**Engineering controls**

No information available.

Personal protective equipment**Eye/face protection**

Tight sealing safety goggles. Safety glasses with side shields are recommended for medical or industrial exposures.

Hand protection

Impervious gloves. Wear suitable gloves.

Skin and body protection

Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.

| | |
|--|---|
| | Antistatic boots. |
| Respiratory protection | Appropriate respiratory protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. |
| General hygiene considerations | Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. |
| Environmental exposure controls | No information available. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------------|--------------------------|
| Physical state | Aerosol |
| Appearance | Aerosol |
| Color | No information available |
| Odor | Slight ethereal. |
| Odor threshold | No information available |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--|--------------------------|-------------------------|
| Melting point / freezing point | No data available | None known |
| Initial boiling point and boiling range | -24.8000 °C | None known |
| Flammability | No data available | None known |
| Flammability Limit in Air | | None known |
| Upper flammability or explosive limits | No data available | |
| Lower flammability or explosive limits | No data available | |
| Flash point | >= -37 - -41.0000 °C | None known |
| Autoignition temperature | No data available | None known |
| Decomposition temperature | | None known |
| pH | No data available | None known |
| pH (as aqueous solution) | No data available | None known |
| Kinematic viscosity | No data available | None known |
| Dynamic viscosity | No data available | None known |
| Water solubility | Negligible | None known |
| Solubility(ies) | No data available | None known |
| Partition coefficient | No data available | None known |
| Vapor pressure | 518 mmHg @ 20°C / 70°F | None known |
| Relative density | No data available | None known |
| Bulk density | No data available | |
| Liquid Density | No data available | |
| Relative vapor density | ~4 | None known |
| Particle characteristics | | |
| Particle Size | No information available | |
| Particle Size Distribution | No information available | |

9.2. Other information

9.2.1. Information with regard to physical hazard classes
Not applicable

9.2.2. Other safety characteristics
No information available

SECTION 10: Stability and reactivity**10.1. Reactivity**

Reactivity No information available.

10.2. Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge Yes.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

Hazardous polymerization Hazardous polymerization does not occur.

10.4. Conditions to avoid

Conditions to avoid Heat, flames and sparks.

10.5. Incompatible materials

Incompatible materials None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal oxidative decomposition can produce carbon oxides, gasses/vapors, and traces of incompletely burned carbon compounds.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Information on likely routes of exposure****Product Information**

Inhalation Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

Eye contact Specific test data for the substance or mixture is not available.

Skin contact Specific test data for the substance or mixture is not available.

Ingestion Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Acute toxicity**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

| | |
|-------------------------------|-----------------|
| ATEmix (oral) | 99,999.00 mg/kg |
| ATEmix (dermal) | 4,272.70 mg/kg |
| ATEmix (inhalation-gas) | 442,493.90 ppm |
| ATEmix (inhalation-vapor) | 99,999.00 mg/l |
| ATEmix (inhalation-dust/mist) | 7.83 mg/l |

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--------------------|----------------------|--------------------------|--------------------------|
| Dimethyl ether | - | - | = 164000 ppm (Rat) 4 h |
| 1,1-difluoroethane | - | - | = 437500 ppm (Rat) 4 h |
| Mineral Spirits | - | > 3000 mg/kg (Rabbit) | > 5.5 mg/L (Rat) 4 h |
| Xylene | = 3500 mg/kg (Rat) | > 4350 mg/kg (Rabbit) | = 29.08 mg/L (Rat) 4 h |
| Ethylbenzene | = 3500 mg/kg (Rat) | = 15400 mg/kg (Rabbit) | = 17.4 mg/L (Rat) 4 h |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity Contains a known or suspected mutagen. Classification based on data available for ingredients. May cause genetic defects.

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as mutagenic.

| Chemical name | European Union |
|-----------------|----------------|
| Mineral Spirits | Muta. 1B |
| Xylene | Muta. 1B |
| Ethylbenzene | Muta. 1B |

Carcinogenicity Contains a known or suspected carcinogen. Classification based on data available for ingredients. May cause cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name | European Union |
|-----------------|----------------|
| Mineral Spirits | Carc. 1B |
| Xylene | Carc. 1B |
| Ethylbenzene | Carc. 1B |

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure May cause damage to organs through prolonged or repeated exposure.

H373 - May cause damage to the following organs through prolonged or repeated exposure: Central nervous system.

Aspiration hazard No information available.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties No information available.

11.2.2. Other information

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Harmful to aquatic life with long lasting effects.

Unknown aquatic toxicity Contains 0 % of components with unknown hazards to the aquatic environment.

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|----------------|---|--|----------------------------|---|
| Dimethyl ether | - | LC50: >4.1g/L (96h, <i>Poecilia reticulata</i>) | - | - |
| Xylene | EC50: =11mg/L (72h, <i>Pseudokirchneriella subcapitata</i>) | LC50: =13.4mg/L (96h, <i>Pimephales promelas</i>) LC50: 2.661 - 4.093mg/L (96h, <i>Oncorhynchus mykiss</i>) LC50: 13.5 - 17.3mg/L (96h, <i>Oncorhynchus mykiss</i>) LC50: 13.1 - 16.5mg/L (96h, <i>Lepomis macrochirus</i>) LC50: =19mg/L (96h, <i>Lepomis macrochirus</i>) LC50: 7.711 - 9.591mg/L (96h, <i>Lepomis macrochirus</i>) LC50: 23.53 - 29.97mg/L (96h, <i>Pimephales promelas</i>) LC50: =780mg/L (96h, <i>Cyprinus carpio</i>) LC50: >780mg/L (96h, <i>Cyprinus carpio</i>) LC50: 30.26 - 40.75mg/L (96h, <i>Poecilia reticulata</i>) | - | EC50: =3.82mg/L (48h, water flea) LC50: =0.6mg/L (48h, <i>Gammarus lacustris</i>) |
| Ethylbenzene | EC50: =4.6mg/L (72h, <i>Pseudokirchneriella subcapitata</i>) EC50: >438mg/L (96h, <i>Pseudokirchneriella subcapitata</i>) EC50: 2.6 - 11.3mg/L (72h, <i>Pseudokirchneriella</i>) | LC50: 11.0 - 18.0mg/L (96h, <i>Oncorhynchus mykiss</i>) LC50: =4.2mg/L (96h, <i>Oncorhynchus mykiss</i>) LC50: 7.55 - 11mg/L (96h, <i>Pimephales promelas</i>) LC50: =32mg/L (96h, | - | EC50: 1.8 - 2.4mg/L (48h, <i>Daphnia magna</i>) |

| | | | | |
|--|---|---|--|--|
| | subcapitata) EC50: 1.7 - 7.6mg/L (96h, Pseudokirchneriella subcapitata) | Lepomis macrochirus) LC50: 9.1 - 15.6mg/L (96h, Pimephales promelas) LC50: =9.6mg/L (96h, Poecilia reticulata) | | |
|--|---|---|--|--|

12.2. Persistence and degradability

Persistence and degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation

Component Information

| Chemical name | Partition coefficient |
|-----------------|-----------------------|
| Dimethyl ether | -0.18 |
| Mineral Spirits | 6.4 |
| Xylene | 3.15 |
| Ethylbenzene | 3.6 |

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB above the threshold of declaration.

| Chemical name | PBT and vPvB assessment |
|--------------------|---------------------------------|
| Dimethyl ether | The substance is not PBT / vPvB |
| 1,1-difluoroethane | The substance is not PBT / vPvB |
| Mineral Spirits | The substance is not PBT / vPvB |
| Xylene | The substance is not PBT / vPvB |
| Ethylbenzene | The substance is not PBT / vPvB |

12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

SECTION 14: Transport information

IATA

| | |
|-----------------------------------|---------------------|
| 14.1 UN number or ID number | UN 1950 |
| 14.2 UN proper shipping name | Aerosols, flammable |
| 14.3 Transport hazard class(es) | 2.1 |
| 14.4 Packing group | Not regulated |
| 14.5 Environmental hazards | Not applicable |
| 14.6 Special precautions for user | |
| Special Provisions | None |

IMDG

| | |
|--|--------------------------|
| 14.1 UN number or ID number | 1950 |
| 14.2 UN proper shipping name | Aerosols |
| 14.3 Transport hazard class(es) | 2.1 |
| 14.4 Packing group | Not regulated |
| 14.5 Environmental hazards | Not applicable |
| 14.6 Special precautions for user | |
| Special Provisions | None |
| EmS-No. | F-D, S-U |
| 14.7 Maritime transport in bulk according to IMO instruments | No information available |

RID

| | |
|-----------------------------------|---------------------|
| 14.1 UN number or ID number | 1950 |
| 14.2 UN proper shipping name | Aerosols, flammable |
| 14.3 Transport hazard class(es) | 2.1 |
| 14.4 Packing group | Not regulated |
| 14.5 Environmental hazards | Not applicable |
| 14.6 Special precautions for user | |
| Special Provisions | None |

ADR

| | |
|-----------------------------------|---------------------|
| 14.1 UN number or ID number | 1950 |
| 14.2 UN proper shipping name | Aerosols, flammable |
| 14.3 Transport hazard class(es) | 2.1 |
| 14.4 Packing group | Not regulated |
| 14.5 Environmental hazards | Not applicable |
| 14.6 Special precautions for user | |
| Special Provisions | None |

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****France****Occupational Illnesses (R-463-3, France)**

| Chemical name | French RG number |
|-----------------------------|------------------|
| Mineral Spirits - 8052-41-3 | RG 84 |
| Xylene - 1330-20-7 | RG 4bis, RG 84 |
| Ethylbenzene - 100-41-4 | RG 84 |

| Chemical name | Number | Class |
|--------------------|--------|----------|
| 1,1-difluoroethane | 5.2.4 | Class II |

Netherlands

Carcinogenic, mutagenic and reproductive toxic effects

| Chemical name | Netherlands - List of Carcinogens | Netherlands - List of Mutagens | Netherlands - List of Reproductive Toxins |
|---------------|-----------------------------------|--------------------------------|---|
| Xylene | - | - | Development Category 2 |

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorizations and/or restrictions on use:

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

| Chemical name | Restricted substance per REACH Annex XVII | Substance subject to authorization per REACH Annex XIV |
|-----------------------------|---|--|
| Mineral Spirits - 8052-41-3 | 28 | - |
| | 29 | |
| | 75 | |
| Xylene - 1330-20-7 | 75 | - |

Persistent Organic Pollutants

Not applicable

Dangerous substance category per Seveso Directive (2012/18/EU)

P3a - FLAMMABLE AEROSOLS

P3b - FLAMMABLE AEROSOLS

Named dangerous substances per Seveso Directive (2012/18/EU)

| Chemical name | Lower-tier requirements (tons) | Upper-tier requirements (tons) |
|-----------------------------|--------------------------------|--------------------------------|
| Mineral Spirits - 8052-41-3 | - | 25000 |

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

International Inventories

| | |
|----------------------|--|
| TSCA | Contact supplier for inventory compliance status |
| DSL/NDSL | Contact supplier for inventory compliance status |
| EINECS/ELINCS | Contact supplier for inventory compliance status |
| ENCS | Contact supplier for inventory compliance status |
| IECSC | Contact supplier for inventory compliance status |
| KECI | Contact supplier for inventory compliance status |
| PICCS | Contact supplier for inventory compliance status |
| AIIC | Contact supplier for inventory compliance status |
| NZIoC | Contact supplier for inventory compliance status |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

- EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS** - Japan Existing and New Chemical Substances
- IECSC** - China Inventory of Existing Chemical Substances
- KECL** - Korean Existing and Evaluated Chemical Substances
- PICCS** - Philippines Inventory of Chemicals and Chemical Substances
- AIIC** - Australian Inventory of Industrial Chemicals
- NZIoC** - New Zealand Inventory of Chemicals

15.2. Chemical safety assessment

Chemical Safety Report No information available

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

- H225 - Highly flammable liquid and vapor
- H226 - Flammable liquid and vapor
- H304 - May be fatal if swallowed and enters airways
- H312 - Harmful in contact with skin
- H315 - Causes skin irritation
- H332 - Harmful if inhaled
- H340 - May cause genetic defects
- H350 - May cause cancer
- H372 - Causes damage to organs through prolonged or repeated exposure
- H373 - May cause damage to organs through prolonged or repeated exposure

Legend

- SVHC: Substances of Very High Concern for Authorization:
- PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances
- vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances
- STOT: Specific Target Organ Toxicity
- ATE: Acute Toxicity Estimate
- LC50: 50% Lethal Concentration
- LD50: 50% Lethal Dose

Legend Section 8: Exposure controls/personal protection

- TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)
- Ceiling Maximum limit value Sk* Skin designation
- + Sensitizers

| Classification procedure | |
|---|--------------------|
| Classification according to Regulation (EC) No. 1272/2008 [CLP] | Method Used |
| Acute oral toxicity | Calculation method |
| Acute dermal toxicity | Calculation method |
| Acute inhalation toxicity - gas | Calculation method |
| Acute inhalation toxicity - vapor | Calculation method |
| Acute inhalation toxicity - dust/mist | Calculation method |
| Skin corrosion/irritation | Calculation method |
| Serious eye damage/eye irritation | Calculation method |
| Respiratory sensitization | Calculation method |
| Skin sensitization | Calculation method |
| Mutagenicity | Calculation method |
| Carcinogenicity | Calculation method |
| Reproductive toxicity | Calculation method |
| STOT - single exposure | Calculation method |

| | |
|--------------------------|-----------------------|
| STOT - repeated exposure | Calculation method |
| Acute aquatic toxicity | Calculation method |
| Chronic aquatic toxicity | Calculation method |
| Aspiration hazard | Calculation method |
| Ozone | Calculation method |
| Flammable aerosol | On basis of test data |

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
 U.S. Environmental Protection Agency ChemView Database
 European Food Safety Authority (EFSA)
 European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
 European Chemicals Agency (ECHA) (ECHA_API)
 Environmental Protection Agency
 Acute Exposure Guideline Level(s) (AEGl(s))
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
 U.S. Environmental Protection Agency High Production Volume Chemicals
 Food Research Journal
 Hazardous Substance Database
 International Uniform Chemical Information Database (IUCLID)
 National Institute of Technology and Evaluation (NITE)
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
 NIOSH (National Institute for Occupational Safety and Health)
 National Library of Medicine's ChemID Plus (NLM CIP)
 National Library of Medicine's PubMed database (NLM PUBMED)
 U.S. National Toxicology Program (NTP)
 New Zealand's Chemical Classification and Information Database (CCID)
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program
 Organization for Economic Co-operation and Development Screening Information Data Set
 World Health Organization

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Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Disclaimer

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End of Safety Data Sheet