

FLUX SK10

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
 Issue date: 26/11/2025 Revision date: 05/11/2025 Supersedes version of: 30/08/2024 Version: 1.3

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

1.1. Product identifier

Product name : FLUX SK10
 UFI : VH3X-M8S2-N00F-PF8K
 Product code : BDS001132AE
 Vaporizer : Aerosol

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

Relevant identified uses

Use of the substance/mixture : Anti Corrosion Products

1.3. Details of the supplier of the safety data sheet

Supplier

CRC Industries Europe B.V.
 Touwslagerstraat 1
 9240 Zele
 Belgium
 T +32(0)52/45.60.11, F +32(0)52/45.00.34
hse@crcind.com, www.crcind.com

1.4. Emergency telephone number

Emergency number : +32(0)52/45.60.11
 Office hours: 9-17h CET

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

| | |
|---|-----------|
| Aerosol, Category 1 | H222;H229 |
| Serious eye damage/eye irritation, Category 2 | H319 |
| Skin sensitisation, Category 1 | H317 |
| Specific target organ toxicity – Single exposure, Category 3, | H336 |
| Narcosis | |
| Hazardous to the aquatic environment – Chronic Hazard, | H412 |
| Category 3 | |

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

Adverse physicochemical, human health and environmental effects

Pressurised container: May burst if heated. Extremely flammable aerosol. May cause drowsiness or dizziness. May cause an allergic skin reaction. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

GHS07

Signal word (CLP) :

Danger

Contains :

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane; propan-2-ol; isopropyl alcohol; isopropanol; propan-2-one; propanone; 1-methoxy-2-propanol; monopropylene glycol methyl ether; rosin; colophony

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| | |
|--------------------------------|--|
| Hazard statements (CLP) | : H222 - Extremely flammable aerosol. H229 - Pressurised container: May burst if heated. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H336 - May cause drowsiness or dizziness. H412 - Harmful to aquatic life with long lasting effects. |
| Precautionary statements (CLP) | : P102 - Keep out of reach of children. 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. P261 - Avoid breathing vapours/spray. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/eye protection. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C. P501 - Dispose of contents/container to a hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |
| EUH-statements | : EUH066 - Repeated exposure may cause skin dryness or cracking. |

2.3. Other hazards

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

Component

| | |
|---|------------------------------|
| Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII | rosin; colophony (8050-09-7) |
|---|------------------------------|

The substance is not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|--|---------|---|
| propan-2-ol; isopropyl alcohol; isopropanol substance with national workplace exposure limit(s) (BE) | CAS-No.: 67-63-0 EC-No.: 200-661-7 EC Index-No.: 603-117-00-0 REACH-no: 01-2119457558-25 | 25 – 50 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 |
| propan-2-one; propanone substance with national workplace exposure limit(s) (BE); substance with a Community workplace exposure limit | CAS-No.: 67-64-1 EC-No.: 200-662-2 EC Index-No.: 606-001-00-8 REACH-no: 01-2119471330-49 | 25 – 50 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066 |
| 1-methoxy-2-propanol; monopropylene glycol methyl ether substance with national workplace exposure limit(s) (BE); substance with a Community workplace exposure limit | CAS-No.: 107-98-2 EC-No.: 203-539-1 EC Index-No.: 603-064-00-3 REACH-no: 01-2119457435-35 | 10 – 25 | Flam. Liq. 3, H226 STOT SE 3, H336 |

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| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|---|--------|--|
| Carbon dioxide (CO ₂) (Propellant gas (Aerosol)) substance with national workplace exposure limit(s) (BE); substance with a Community workplace exposure limit | CAS-No.: 124-38-9 | 5 – 10 | Press. Gas (Comp.), H280 |
| Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane | EC-No.: 921-024-6 REACH-no: 01-2119475514- 35 | 5 – 10 | Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 |
| rosin; colophony | CAS-No.: 8050-09-7 EC-No.: 232-475-7 EC Index-No.: 650-015-00-7 REACH-no: 01-2119480418- 32 | 5 – 10 | Skin Sens. 1, H317 |

Product subject to CLP Annex I, item 1.1.3.7. The disclosure rules of the components is modified in this case.

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

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|---|
| First-aid measures general | : Call a poison center or a doctor if you feel unwell. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. If signs/symptoms develop, get medical attention. |
| First-aid measures after skin contact | : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. Seek medical attention if irritation develops. |
| First-aid measures after eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Seek medical attention if irritation develops. |
| First-aid measures after ingestion | : Call a poison center or a doctor if you feel unwell. |

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

| | |
|-------------------------------------|--|
| Symptoms/effects | : May cause drowsiness or dizziness. |
| Symptoms/effects after skin contact | : May cause an allergic skin reaction. Repeated exposure may cause skin dryness or cracking. |
| Symptoms/effects after eye contact | : Eye irritation. |

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

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--------------------------------|--|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |

5.2. Special hazards arising from the substance or mixture

| | |
|--|---|
| Fire hazard | : Extremely flammable aerosol. |
| Explosion hazard | : Pressurised container: May burst if heated. |
| Hazardous decomposition products in case of fire | : During fire, gases hazardous to health may be formed. |

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5.3. Advice for firefighters

- Firefighting instructions : Move containers from fire area if it can be done without personal risk. Use standard firefighting procedures and consider the hazards of other involved materials.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

- Protective equipment : Wear appropriate protective equipment and clothing during clean-up.
- Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes.

For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
- Emergency procedures : Evacuate unnecessary personnel. Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Mechanically recover the product. For large spills, confine the spill in a dike and charge it with wet sand or earth for subsequent safe disposal. Following product recovery, flush area with water. Take up small spills with dry chemical absorbent. Clean surface thoroughly to remove residual contamination.
- Additional Regulatory Information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For disposal of contaminated materials refer to section 13 : "Disposal considerations".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : 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. Pressurized container: Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid prolonged exposure. Handle in accordance with good industrial hygiene and safety procedures.
- Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Keep container closed when not in use.

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

| Carbon dioxide (CO2) (124-38-9) | |
|--|---|
| EU - Indicative Occupational Exposure Limit (IOEL) | |
| Local name | Carbon dioxide |
| IOEL TWA | 9000 mg/m ³ |
| | 5000 ppm |
| Regulatory reference | COMMISSION DIRECTIVE 2006/15/EC |
| Belgium - Occupational Exposure Limits | |
| Local name | Carbone (dioxyde de) # Koolstofdioxide |
| OEL TWA | 9131 mg/m ³ |
| | 5000 ppm |
| OEL STEL | 54784 mg/m ³ |
| | 30000 ppm |
| Remark | A: la mention "A" signifie que l'agent libère un gaz ou une vapeur qui n'ont en eux-mêmes aucun effet physiologique mais peuvent diminuer le taux d'oxygène dans l'air. Lorsque le taux d'oxygène descend en dessous de 17-18 % (vol/vol) le manque d'oxygène provoque des suffocations qu'aucun symptôme préalable n'annonce. # A: de vermelding "A" betekent dat dit agens gas of damp vrijgeeft dat of die op zich geen fysiologische werking heeft, maar het zuurstofgehalte in de lucht verlaagt. Wanneer het zuurstofgehalte daalt onder de 17-18 % (vol/vol), veroorzaakt het zuurstoftekort verstikking, die zich manifesteert zonder dat er een waarschuwing aan voorafgaat. |
| Regulatory reference | Koninklijk besluit/Arrêté royal 16/11/2023 |
| propan-2-ol; isopropyl alcohol; isopropanol (67-63-0) | |
| Belgium - Occupational Exposure Limits | |
| Local name | Alcool isopropylique # Isopropylalcohol |
| OEL TWA | 500 mg/m ³ |
| | 200 ppm |
| OEL STEL | 1000 mg/m ³ |
| | 400 ppm |
| Regulatory reference | Koninklijk besluit/Arrêté royal 16/11/2023 |
| propan-2-one; propanone (67-64-1) | |
| EU - Indicative Occupational Exposure Limit (IOEL) | |
| Local name | Acetone |
| IOEL TWA | 1210 mg/m ³ |
| | 500 ppm |
| Regulatory reference | COMMISSION DIRECTIVE 2000/39/EC |
| Belgium - Occupational Exposure Limits | |
| Local name | Acétone # Aceton |
| OEL TWA | 594 mg/m ³ |

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| propan-2-one; propanone (67-64-1) | |
|---|--|
| | 246 ppm |
| OEL STEL | 1187 mg/m ³ |
| | 492 ppm |
| Regulatory reference | Koninklijk besluit/Arrêté royal 16/11/2023 |
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2) | |
| EU - Indicative Occupational Exposure Limit (IOEL) | |
| Local name | 1-Methoxypropanol-2 |
| IOEL TWA | 375 mg/m ³ |
| | 100 ppm |
| IOEL STEL | 568 mg/m ³ |
| | 150 ppm |
| Remark | Skin |
| Regulatory reference | COMMISSION DIRECTIVE 2000/39/EC |
| Belgium - Occupational Exposure Limits | |
| Local name | 1-Méthoxy-2-propanol # 1-Methoxy-2-propanol |
| OEL TWA | 184 mg/m ³ |
| | 50 ppm |
| OEL STEL | 369 mg/m ³ |
| | 100 ppm |
| Remark | D: la mention "D" signifie que la résorption de l'agent, via la peau, les muqueuses ou les yeux, constitue une partie importante de l'exposition totale. Cette résorption peut se faire tant par contact direct que par présence de l'agent dans l'air. # D: de vermelding "D" betekent dat de opname van het agens via de huid, de slijmvliezen of de ogen een belangrijk deel van de totale blootstelling vormt. Deze opname kan het gevolg zijn van zowel direct contact als zijn aanwezigheid in de lucht. |
| Regulatory reference | Koninklijk besluit/Arrêté royal 16/11/2023 |

DNEL and PNEC

| Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane | |
|---|--------------------------|
| DNEL/DMEL (Workers) | |
| Long-term - systemic effects, dermal | 773 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 2035 mg/m ³ |
| DNEL/DMEL (General population) | |
| Long-term - systemic effects, oral | 699 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 608 mg/m ³ |
| Long-term - systemic effects, dermal | 699 mg/kg bodyweight/day |
| propan-2-ol; isopropyl alcohol; isopropanol (67-63-0) | |
| DNEL/DMEL (Workers) | |
| Long-term - systemic effects, dermal | 888 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 500 mg/m ³ |

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| propan-2-ol; isopropyl alcohol; isopropanol (67-63-0) | |
|--|--------------------------|
| DNEL/DMEL (General population) | |
| Long-term - systemic effects, oral | 26 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 89 mg/m ³ |
| Long-term - systemic effects, dermal | 319 mg/kg bodyweight/day |
| PNEC (Water) | |
| PNEC aqua (freshwater) | 140,9 mg/l |
| PNEC aqua (marine water) | 140,9 mg/l |
| PNEC aqua (intermittent, freshwater) | 140,9 mg/l |
| PNEC (Sediment) | |
| PNEC sediment (freshwater) | 552 mg/kg dwt |
| PNEC sediment (marine water) | 552 mg/kg dwt |
| PNEC (Soil) | |
| PNEC soil | 28 mg/kg dwt |
| PNEC (Oral) | |
| PNEC oral (secondary poisoning) | 160 mg/kg food |
| PNEC (STP) | |
| PNEC sewage treatment plant | 2251 mg/l |
| propan-2-one; propanone (67-64-1) | |
| DNEL/DMEL (Workers) | |
| Acute - local effects, inhalation | 2420 mg/m ³ |
| Long-term - systemic effects, dermal | 186 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 1210 mg/m ³ |
| DNEL/DMEL (General population) | |
| Long-term - systemic effects, oral | 62 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 200 mg/m ³ |
| Long-term - systemic effects, dermal | 62 mg/kg bodyweight/day |
| PNEC (Water) | |
| PNEC aqua (freshwater) | 10,6 mg/l |
| PNEC aqua (marine water) | 1,06 mg/l |
| PNEC aqua (intermittent, freshwater) | 21 mg/l |
| PNEC (Sediment) | |
| PNEC sediment (freshwater) | 30,4 mg/kg dwt |
| PNEC sediment (marine water) | 3,04 mg/kg dwt |
| PNEC (Soil) | |
| PNEC soil | 29,5 mg/kg dwt |
| PNEC (STP) | |
| PNEC sewage treatment plant | 100 mg/l |

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| 1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2) | |
|---|----------------------------|
| DNEL/DMEL (Workers) | |
| Acute - systemic effects, inhalation | 553,5 mg/m ³ |
| Acute - local effects, inhalation | 553,5 mg/m ³ |
| Long-term - systemic effects, dermal | 183 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 369 mg/m ³ |
| DNEL/DMEL (General population) | |
| Long-term - systemic effects,oral | 33 mg/kg bodyweight/day |
| Long-term - systemic effects, inhalation | 43,9 mg/m ³ |
| Long-term - systemic effects, dermal | 78 mg/kg bodyweight/day |
| PNEC (Water) | |
| PNEC aqua (freshwater) | 10 mg/l |
| PNEC aqua (marine water) | 1 mg/l |
| PNEC aqua (intermittent, freshwater) | 100 mg/l |
| PNEC (Sediment) | |
| PNEC sediment (freshwater) | 52,3 mg/kg dwt |
| PNEC sediment (marine water) | 5,2 mg/kg dwt |
| PNEC (Soil) | |
| PNEC soil | 4,59 mg/kg dwt |
| PNEC (STP) | |
| PNEC sewage treatment plant | 100 mg/l |
| rosin; colophony (8050-09-7) | |
| DNEL/DMEL (Workers) | |
| Long-term - systemic effects, dermal | 2131 mg/kg bodyweight/day |
| Long-term - local effects, inhalation | 10 mg/m ³ |
| DNEL/DMEL (General population) | |
| Long-term - systemic effects,oral | 10655 mg/kg bodyweight/day |
| Long-term - systemic effects, dermal | 10655 mg/kg bodyweight/day |
| PNEC (Water) | |
| PNEC aqua (freshwater) | 0,0016 mg/l |
| PNEC aqua (marine water) | 0,00016 mg/l |
| PNEC aqua (intermittent, freshwater) | 0,016 mg/l |
| PNEC (Sediment) | |
| PNEC sediment (freshwater) | 0,007 mg/kg dwt |
| PNEC sediment (marine water) | 0,0007 mg/kg dwt |
| PNEC (Soil) | |
| PNEC soil | 0,00045 mg/kg dwt |
| PNEC (STP) | |
| PNEC sewage treatment plant | 1000 mg/l |

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8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal protection equipment

Personal protective equipment symbol(s):



Eye and face protection

Eye protection:

Use eye protection according to EN 166. Safety glasses with side shields

Skin protection

Skin and body protection:

Wear suitable protective clothing. Antistatic clothing including shoes are recommended

Hand protection:

Wear suitable gloves tested to EN374. The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through. Nitrile gloves are recommended. Layer thickness : > 0,10 mm.

Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Approved organic vapour respirator. Filter type: AX

Thermal hazards

Thermal hazard protection:

Not expected to present a significant hazard under anticipated conditions of normal use. Wear appropriate thermal protective clothing, when necessary.

Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---------------------------|---|
| Physical state | : Liquid |
| Colour | : colourless to yellow. |
| Appearance | : CO2 propelled liquid. |
| Odour | : Solvent. |
| Odour threshold | : Not available |
| Melting point | : Not applicable |
| Freezing point | : Not available |
| Boiling point | : Not available |
| Flammability | : Extremely flammable aerosol. |
| Explosive properties | : Pressurised container: May burst if heated. |
| Lower explosion limit | : Not available |
| Upper explosion limit | : Not available |
| Flash point | : -20 °C (closed cup) |
| Auto-ignition temperature | : > 200 °C |
| Decomposition temperature | : Not available |
| pH | : Not applicable |
| Viscosity, kinematic | : Not available |

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| | |
|---|-----------------------------------|
| Solubility | : Insoluble in water. |
| Partition coefficient n-octanol/water (Log Kow) | : Not applicable |
| Vapour pressure | : Not available |
| Vapour pressure at 50°C | : Not available |
| Density | : 0,82 g/cm ³ at 20 °C |
| Relative density | : 0,82 at 20 °C |
| Relative vapour density at 20°C | : Not available |
| Particle characteristics | : Not applicable |

9.2. Additional Regulatory Information

Information with regard to physical hazard classes

% of flammable ingredients : 75 – 100 %

Other safety characteristics

VOC content : 700 g/l

Additional information : For aerosols data for the product without propellant.

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol. Pressurised container: May burst if heated.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)

Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)

Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

| | |
|-----------------------|------------------------------|
| LD50 oral rat | 5841 mg/kg |
| LD50 dermal rat | 2800 – 3100 mg/kg bodyweight |
| LC50 Inhalation - Rat | > 25,2 mg/l/4h |

propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)

| | |
|---------------|-----------------------|
| LD50 oral rat | 5840 mg/kg bodyweight |
|---------------|-----------------------|

propan-2-one; propanone (67-64-1)

| | |
|---------------|-----------------------|
| LD50 oral rat | 5800 mg/kg bodyweight |
|---------------|-----------------------|

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| | |
|---|---|
| propan-2-one; propanone (67-64-1) | |
| LD50 dermal | > 15688 mg/kg bodyweight |
| LC50 Inhalation - Rat | 76 mg/l/4h |
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2) | |
| LD50 oral rat | 4016 mg/kg |
| LD50 dermal rabbit | > 2000 mg/kg |
| LC50 Inhalation - Rat | > 25,8 mg/l |
| rosin; colophony (8050-09-7) | |
| LD50 oral rat | 7800 mg/kg |
| LD50 dermal rat | > 2000 mg/kg bodyweight |
| Skin corrosion/irritation | : Not classified (Based on available data, the classification criteria are not met) pH: Not applicable |
| Carbon dioxide (CO2) (124-38-9) | |
| Skin corrosion/irritation | Not classified (Based on available data, the classification criteria are not met) |
| Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane | |
| Skin corrosion/irritation | Causes skin irritation. |
| propan-2-ol; isopropyl alcohol; isopropanol (67-63-0) | |
| Skin corrosion/irritation | Not classified (Based on available data, the classification criteria are not met) |
| propan-2-one; propanone (67-64-1) | |
| Skin corrosion/irritation | Not classified (Based on available data, the classification criteria are not met) |
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2) | |
| Skin corrosion/irritation | Not classified (Based on available data, the classification criteria are not met) |
| rosin; colophony (8050-09-7) | |
| Skin corrosion/irritation | Not classified (Based on available data, the classification criteria are not met) |
| Serious eye damage/irritation | : Causes serious eye irritation. pH: Not applicable |
| Carbon dioxide (CO2) (124-38-9) | |
| Serious eye damage/irritation | Not classified (Based on available data, the classification criteria are not met) |
| Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane | |
| Serious eye damage/irritation | Not classified (Based on available data, the classification criteria are not met) |
| propan-2-ol; isopropyl alcohol; isopropanol (67-63-0) | |
| Serious eye damage/irritation | Causes serious eye irritation. |
| propan-2-one; propanone (67-64-1) | |
| Serious eye damage/irritation | Causes serious eye irritation. |
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2) | |
| Serious eye damage/irritation | Not classified (Based on available data, the classification criteria are not met) |
| rosin; colophony (8050-09-7) | |
| Serious eye damage/irritation | Not classified (Based on available data, the classification criteria are not met) |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction. |

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| | |
|-------------------------------|---|
| Germ cell mutagenicity | : Not classified (Based on available data, the classification criteria are not met) |
| Carcinogenicity | : Not classified (Based on available data, the classification criteria are not met) |
| Reproductive toxicity | : Not classified (Based on available data, the classification criteria are not met) |
| STOT-single exposure | : May cause drowsiness or dizziness. |

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

| | |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

propan-2-ol; isopropyl alcohol; isopropanol (67-63-0)

| | |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

propan-2-one; propanone (67-64-1)

| | |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2)

| | |
|----------------------|------------------------------------|
| STOT-single exposure | May cause drowsiness or dizziness. |
|----------------------|------------------------------------|

| | |
|-------------------------------|---|
| STOT-repeated exposure | : Not classified (Based on available data, the classification criteria are not met) |
|-------------------------------|---|

1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2)

| | |
|----------------------------|-----------------------|
| LOAEL (oral, rat, 90 days) | 2757 mg/kg bodyweight |
|----------------------------|-----------------------|

| | |
|----------------------------|----------------------|
| NOAEL (oral, rat, 90 days) | 919 mg/kg bodyweight |
|----------------------------|----------------------|

| | |
|-------------------------------------|-------------------------|
| NOAEL (dermal, rat/rabbit, 90 days) | > 1000 mg/kg bodyweight |
|-------------------------------------|-------------------------|

| | |
|--------------------------|---|
| Aspiration hazard | : Not classified (Based on available data, the classification criteria are not met) |
|--------------------------|---|

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| | |
|-----------|---------|
| Vaporizer | Aerosol |
|-----------|---------|

11.2. Information on other hazards

Endocrine disrupting properties

| | |
|--|--|
| Adverse health effects caused by endocrine disrupting properties | : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 % |
|--|--|

SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|---|
| Ecology - general | : Harmful to aquatic life with long lasting effects. |
| Hazardous to the aquatic environment, short-term (acute) | : Not classified (Based on available data, the classification criteria are not met) |
| Hazardous to the aquatic environment, long-term (chronic) | : Harmful to aquatic life with long lasting effects. |

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

| | |
|-----------------|-----------|
| LC50 - Fish [1] | 11,4 mg/l |
|-----------------|-----------|

| | |
|----------------------|--------|
| EC50 - Crustacea [1] | 3 mg/l |
|----------------------|--------|

| | |
|----------------------|---------|
| EC50 72h - Algae [1] | 10 mg/l |
|----------------------|---------|

| | |
|----------------|-----------|
| LOEC (chronic) | 0,32 mg/l |
|----------------|-----------|

| | |
|----------------|-----------|
| NOEC (chronic) | 0,17 mg/l |
|----------------|-----------|

| | |
|-------------------|-----------|
| NOEC chronic fish | 2,04 mg/l |
|-------------------|-----------|

| | |
|------------------------|--------|
| NOEC chronic crustacea | 1 mg/l |
|------------------------|--------|

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| propan-2-ol; isopropyl alcohol; isopropanol (67-63-0) | |
|---|---------------------------------------|
| LC50 - Fish [1] | 10000 mg/l |
| LC50 - Fish [2] | 9640 mg/l |
| propan-2-one; propanone (67-64-1) | |
| LC50 - Fish [1] | 5540 mg/l |
| EC50 - Other aquatic organisms [1] | 12600 mg/l Daphnia magna (Water flea) |
| LOEC (chronic) | > 79 mg/l |
| NOEC (chronic) | ≥ 79 mg/l |
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2) | |
| LC50 - Fish [1] | 6812 mg/l |
| LC50 - Fish [2] | 20800 mg/l |
| EC50 - Crustacea [1] | 21100 – 25900 mg/l |
| EC50 - Other aquatic organisms [1] | 2954 mg/l |
| ErC50 algae | > 1000 mg/l |

12.2. Persistence and degradability

| FLUX SK10 | |
|-------------------------------|---|
| Persistence and degradability | Not established. No data is available on the degradability of this product. |

12.3. Bioaccumulative potential

| FLUX SK10 | |
|---|----------------|
| Partition coefficient n-octanol/water (Log Kow) | Not applicable |
| Carbon dioxide (CO₂) (124-38-9) | |
| Partition coefficient n-octanol/water (Log Pow) | 0,83 |
| propan-2-one; propanone (67-64-1) | |
| Partition coefficient n-octanol/water (Log Pow) | -0,24 |
| 1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2) | |
| Bioconcentration factor (BCF REACH) | < 100 |
| Partition coefficient n-octanol/water (Log Pow) | 0,37 |

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

| FLUX SK10 | |
|---|--|
| Results of PBT assessment | Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII |
| Component | |
| Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII | rosin; colophony (8050-09-7) |

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12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

12.7. Other adverse effects

FLUX SK10

| | |
|-----------------------------------|--|
| Additional Regulatory Information | No other effects known |
| Global warming potential (GWP) | 0.06 (Fluorinated greenhouse gases - (EC) No 2024/573) |

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
European List of Waste (LoW, EC 2000/532) : According to the European Waste Catalogue (EWC), Waste Codes are not product specific, but application specific Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| 14.1. UN number or ID number | | | | |
| UN 1950 | UN 1950 | UN 1950 | UN 1950 | UN 1950 |
| 14.2. UN proper shipping name | | | | |
| AEROSOLS | AEROSOLS | Aerosols, flammable | AEROSOLS | AEROSOLS |
| Transport document description | | | | |
| UN 1950 AEROSOLS, 2.1, (D) | UN 1950 AEROSOLS, 2.1 | UN 1950 Aerosols, flammable, 2.1 | UN 1950 AEROSOLS, 2.1 | UN 1950 AEROSOLS, 2.1 |
| 14.3. Transport hazard class(es) | | | | |
| 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
|  |  |  |  |  |
| 14.4. Packing group | | | | |
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 14.5. Environmental hazards | | | | |
| Dangerous for the environment: No | Dangerous for the environment: No Marine pollutant: No EmS-No. (Fire): F-D EmS-No. (Spillage): S-U | Dangerous for the environment: No | Dangerous for the environment: No | Dangerous for the environment: No |
| No supplementary information available | | | | |

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14.6. Special precautions for user

Overland transport

| | |
|---|----------------------|
| Classification code (ADR) | : 5F |
| Special provisions (ADR) | : 190, 327, 344, 625 |
| Limited quantities (ADR) | : 1I |
| Excepted quantities (ADR) | : E0 |
| Packing instructions (ADR) | : P207, LP200 |
| Special packing provisions (ADR) | : PP87, RR6, L2 |
| Mixed packing provisions (ADR) | : MP9 |
| Transport category (ADR) | : 2 |
| Special provisions for carriage - Packages (ADR) | : V14 |
| Special provisions for carriage - Loading, unloading and handling (ADR) | : CV9, CV12 |
| Special provisions for carriage - Operation (ADR) | : S2 |
| Tunnel restriction code (ADR) | : D |

Transport by sea

| | |
|-----------------------------------|------------------------------------|
| Special provisions (IMDG) | : 63, 190, 277, 327, 344, 381, 959 |
| Limited quantities (IMDG) | : SP277 |
| Excepted quantities (IMDG) | : E0 |
| Packing instructions (IMDG) | : P207, LP200 |
| Special packing provisions (IMDG) | : PP87, L2 |
| Stowage category (IMDG) | : None |
| Stowage and handling (IMDG) | : SW1, SW22 |
| Segregation (IMDG) | : SG69 |

Air transport

| | |
|--|--------------------|
| PCA Excepted quantities (IATA) | : E0 |
| PCA Limited quantities (IATA) | : Y203 |
| PCA limited quantity max net quantity (IATA) | : 30kgG |
| PCA packing instructions (IATA) | : 203 |
| PCA max net quantity (IATA) | : 75kg |
| CAO packing instructions (IATA) | : 203 |
| CAO max net quantity (IATA) | : 150kg |
| Special provisions (IATA) | : A145, A167, A802 |
| ERG code (IATA) | : 10L |

Inland waterway transport

| | |
|-----------------------------------|----------------------|
| Classification code (ADN) | : 5F |
| Special provisions (ADN) | : 190, 327, 344, 625 |
| Limited quantities (ADN) | : 1 L |
| Excepted quantities (ADN) | : E0 |
| Equipment required (ADN) | : PP, EX, A |
| Ventilation (ADN) | : VE01, VE04 |
| Number of blue cones/lights (ADN) | : 1 |

Rail transport

| | |
|---|----------------------|
| Classification code (RID) | : 5F |
| Special provisions (RID) | : 190, 327, 344, 625 |
| Limited quantities (RID) | : 1L |
| Excepted quantities (RID) | : E0 |
| Packing instructions (RID) | : P207, LP200 |
| Special packing provisions (RID) | : PP87, RR6, L2 |
| Mixed packing provisions (RID) | : MP9 |
| Transport category (RID) | : 2 |
| Special provisions for carriage – Packages (RID) | : W14 |
| Special provisions for carriage - Loading, unloading and handling (RID) | : CW9, CW12 |
| Colis express (express parcels) (RID) | : CE2 |
| Hazard identification number (RID) | : 23 |

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14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

VOC Directive (2004/42)

VOC content : 700 g/l

Seveso Directive (Disaster Risk Reduction)

Seveso Additional information : FLAMMABLE AEROSOLS
'Flammable' aerosols Category 1 or 2, not containing flammable gases Category 1 or 2 nor flammable liquids category 1

Explosives Precursors Regulation (EU 2019/1148)

Contains substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

ANNEX II REPORTABLE EXPLOSIVES PRECURSORS

List of substances on their own or in mixtures or in substances for which suspicious transactions and significant disappearances and thefts are to be reported within 24 hours.

| Name | CAS-No. | Combined Nomenclature code (CN) | Combined Nomenclature code for mixture without constituents which would determine classification under another CN code |
|---------|---------|---------------------------------|--|
| Acetone | 67-64-1 | 2914 11 00 | ex 3824 99 92 |

Drug Precursors Regulation (EC 273/2004)

Contains substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

| Name | CN designation | CAS-No. | CN code | Category, Subcategory | Threshold | Annex |
|---------|----------------|---------|------------|-----------------------|-----------|---------|
| Acetone | | 67-64-1 | 2914 11 00 | Category 3 | | Annex I |

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

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SECTION 16: Other information

| Indication of changes | | |
|-----------------------|-------------------------------|------------------------------|
| Section | Changed item | Comments |
| 8.2 | Skin and body protection | Modified |
| 8.2 | Hand protection | Modified Thickness |
| 15 | Seveso Additional information | Added |
| 16 | Data sources | Added |

Abbreviations and acronyms:

| | |
|--------|---|
| 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 |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| BLV | Biological limit value |
| BOD | Biochemical oxygen demand (BOD) |
| COD | Chemical oxygen demand (COD) |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| EC-No. | European Community number |
| EC50 | Median effective concentration |
| EN | European Standard |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| LOAEL | Lowest Observed Adverse Effect Level |
| NOAEC | No-Observed Adverse Effect Concentration |
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |
| OECD | Organisation for Economic Co-operation and Development |
| OEL | Occupational Exposure Limit |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS | Safety Data Sheet |
| STP | Sewage treatment plant |
| ThOD | Theoretical oxygen demand (ThOD) |
| TLM | Median Tolerance Limit |

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Abbreviations and acronyms:

| | |
|---------|--|
| VOC | Volatile Organic Compounds |
| CAS-No. | Chemical Abstract Service number |
| N.O.S. | Not Otherwise Specified |
| vPvB | Very Persistent and Very Bioaccumulative |
| ED | Endocrine disruptor |

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Full text of H- and EUH-statements:

| | |
|--------------------|--|
| Aerosol 1 | Aerosol, Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment – Chronic Hazard, Category 2 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| Flam. Liq. 3 | Flammable liquids, Category 3 |
| Press. Gas (Comp.) | Gases under pressure : Compressed gas |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1 | Skin sensitisation, Category 1 |
| STOT SE 3 | Specific target organ toxicity – Single exposure, Category 3, Narcosis |
| H222 | Extremely flammable aerosol. |
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H229 | Pressurised container: May burst if heated. |
| H280 | Contains gas under pressure; may explode if heated. |
| H304 | May be fatal if swallowed and enters airways. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |
| EUH066 | Repeated exposure may cause skin dryness or cracking. |

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

| | | |
|--------------|-----------|-----------------------|
| Aerosol 1 | H222;H229 | On basis of test data |
| Eye Irrit. 2 | H319 | Calculation method |
| Skin Sens. 1 | H317 | Calculation method |

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Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

| | | |
|-------------------|------|--------------------|
| STOT SE 3 | H336 | Calculation method |
| Aquatic Chronic 3 | H412 | Calculation method |

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