



According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

SAFETY DATA SHEET

Rislone Octane Booster

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name: Rislone Octane Booster
Product no.: 44747
Unique formula identifier (UFI): 4J4E-Y0FX-N00K-PDCT

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

Relevant identified uses of the substance or mixture: Fuel additive
Uses advised against : None known.

1.3. Details of the supplier of the safety data sheet

Company and address: **RISLONE Nordic AB**
Rydståvägen 45
S-424 91 OLOFSTORP
Sweden
+46 (0)31 55 50 88
<https://www.rislonenordic.com/>

Contact person: Support Department
E-mail: info@rislonenordic.com
Revision: 06 February 2026
SDS Version: 2.0
Date of previous version: 26 February 2024 (1.0)

1.4. ▼ Emergency telephone number

ChemTel Inc.
(800) 255-3924 (North America)
+1 (813) 248-0585 (International)
112 (Poison Information Center)

SECTION 2: HAZARDS IDENTIFICATION

Classified according to Regulation (EC) No. 1272/2008 (CLP).

2.1. ▼ Classification of the substance or mixture

Asp. Tox. 1; H304, May be fatal if swallowed and enters airways.
Skin Irrit. 2; H315, Causes skin irritation.
Eye Irrit. 2; H319, Causes serious eye irritation.
Acute Tox. 3; H331, Toxic if inhaled.
Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

▼ *Hazard statement(s):*

May be fatal if swallowed and enters airways. (H304)
Causes skin irritation. (H315)
Causes serious eye irritation. (H319)
Toxic if inhaled. (H331)
Harmful to aquatic life with long lasting effects. (H412)

Precautionary statement(s):

General:

If medical advice is needed, have product container or label at hand. (P101)
Keep out of reach of children. (P102)

▼ *Prevention:*

Avoid breathing mist/vapour. (P261)
Use only outdoors or in a well-ventilated area. (P271)

Response:

IF INHALED: Remove person to fresh air and keep comfortable for breathing. (P304+P340)
Specific treatment (see instructions on this label). (P321)

Storage:

Store locked up. (P405)

▼ *Disposal:*

Dispose of contents/container in accordance with local regulation. (P501)

Hazardous substances:

Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C15 through C30 and produces a finished oil with a viscosity of less than 100 SUS at 100 °F (19cSt at 40 °C). It contains a relatively large proportion of saturated hydrocarbons.]



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2-butoxyethanol
Tricarbonyl(methylcyclopentadienyl)manganese

Additional labelling:

UFI: 4J4E-Y0FX-N00K-PDCT

2.3. Other hazards

▼ *Additional warnings:*

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

| Product/substance | Identifiers | % w/w | Classification | Note |
|--|---|--------|-------------------|---------------|
| Distillates (petroleum), hydrotreated light paraffinic;Baseoil - unspecified;[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C15 through C30 and produces a finished oil with a viscosity of less than 100 SUS at 100 °F (19cSt at 40 °C). It contains a relatively large proportion of saturated hydrocarbons.] | CAS No.: 64742-55-8 EC No.: 265-158-7 REACH: 01-2119487077-29-XXXX Index No.: 649-468-00-3 | 25-40% | Asp. Tox. 1, H304 | [12], [19] |



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| | | | | |
|--|---|--------|---|-----|
| 2-butoxyethanol | CAS No.: 111-76-2 EC No.: 203-905-0 REACH: 01-2119475108-36-XXXX Index No.: 603-014-00-0 | 10-15% | Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 4, H332 | [1] |
| Tricarbonyl(methylcyclopentadienyl)manganese | CAS No.: 12108-13-3 EC No.: 235-166-5 REACH: 01-2119495971-23-XXXX Index No.: | 1-3% | Acute Tox. 3, H301 Acute Tox. 2, H310 Acute Tox. 1, H330 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) | |
| 1,2,4-trimethylbenzene | CAS No.: 95-63-6 EC No.: 202-436-9 REACH: 01-2119472135-42-XXXX Index No.: 601-043-00-3 | <0.05% | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 4, H332 STOT SE 3, H335 Aquatic Chronic 2, H411 | |
| naphthalene | CAS No.: 91-20-3 EC No.: 202-049-5 REACH: 01-2119561346-37-XXXX Index No.: 601-052-00-2 | <0.05% | Acute Tox. 4, H302 Carc. 2, H351 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) | [1] |

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

[1] European occupational exposure limit.

[12] The classification as a carcinogen will not be taken into account as the substance contains less than 3 % DMSO extract as measured by IP 346 'Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions - Dimethyl sulphoxide extraction refractive index method' (CLP, Annex VI, note L).

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.



Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the injured person into fresh air. Make sure the injured person is continuously monitored. Prevent shock by keeping the injured person warm and calm. If breathing ceases, give mouth-to-mouth resuscitation. If unconscious, roll the injured person into recovery position. Call an ambulance.

Skin contact:

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes immediately with plenty of water or isotonic water (20-30 °C) for at least 5 minutes and continue until irritation stops. Remove contact lenses. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

Ingestion:

IF SWALLOWED: Immediately call a POISON CENTER/doctor.
Do not induce vomiting! If vomiting occurs, keep head facing down so that vomit does not get into the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should therefore be kept under medical attention for at least 48 hours.

Burns:

Not applicable.

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

Headache, Methaemoglobinaemia (naphthalene)

This product contains substances that can cause chemical pneumonia if swallowed. Symptoms of chemical pneumonia may appear after several hours.

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

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.



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SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters. If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:
Carbon oxides (CO / CO₂)

5.3. ▼ Advice for firefighters

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus with a full face mask.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapours from spilled material.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

6.3. ▼ Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.



Avoid direct contact with the product.
Avoid contact during pregnancy and while nursing.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. ▼ Conditions for safe storage, including any incompatibilities

Store locked up. A sign warning of toxic materials shall be affixed the room and cupboard containing the product(s).
Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material: Always store in containers of the same material as the original container.

Storage conditions: Cool, dry conditions in well sealed receptacles
Away from heat.
Keep in properly labeled containers.
Keep out of the reach of children.
Store locked up.

Incompatible materials: Strong acids
Strong oxidizing agents
Strong bases

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. ▼ Control parameters

2-butoxyethanol

Long term exposure limit (8 hours) (mg/m³): 50

Long term exposure limit (8 hours) (ppm): 10

Annotations:

E = The EU has set an indicative limit value and/or remark for the substance.

H = Chemicals that can be absorbed through the skin.

Tricarbonyl(methylcyclopentadienyl)manganese

Long term exposure limit (8 hours) (mg/m³): 0,2

Long term exposure limit (8 hours) (ppm): 0,1

Annotations:

H = Chemicals that can be absorbed through the skin.

naphthalene

Long term exposure limit (8 hours) (mg/m³): 50

Long term exposure limit (8 hours) (ppm): 10

Annotations:



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E = The EU has set an indicative limit value and/or remark for the substance.

Regulations concerning action and limit values for physical and chemical agents in the working environment and classified biological agents (Regulations concerning Action and Limit values) FOR-2011-12-06-1358. Last update: FOR-2024-05-15-785.

▼ DNEL

2-butoxyethanol

| Duration: | Route of exposure: | DNEL: |
|--|--------------------|------------------------|
| Long term – Systemic effects - General population | Inhalation | 59 mg/m ³ |
| Long term – Systemic effects - Workers | Inhalation | 98 mg/m ³ |
| Short term – Local effects - General population | Inhalation | 147 mg/m ³ |
| Short term – Local effects - Workers | Inhalation | 246 mg/m ³ |
| Short term – Systemic effects - General population | Inhalation | 426 mg/m ³ |
| Short term – Systemic effects - Workers | Inhalation | 1091 mg/m ³ |
| Long term – Systemic effects - General population | Oral | 6.3 mg/kg bw/day |
| Short term – Systemic effects - General population | Oral | 26.7 mg/kg bw/day |

Distillates (petroleum), hydrotreated light paraffinic;Baseoil - unspecified;[A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C15 through C30 and produces a finished oil with a viscosity of less than 100 SUS at 100 °F (19cSt at 40 °C). It contains a relatively large proportion of saturated hydrocarbons.]

| Duration: | Route of exposure: | DNEL: |
|---|--------------------|------------------------|
| Long term – Systemic effects - Workers | Dermal | 0.97 mg/kg bw/day |
| Long term – Local effects - General population | Inhalation | 1.19 mg/m ³ |
| Long term – Local effects - Workers | Inhalation | 5.58 mg/m ³ |
| Long term – Systemic effects - Workers | Inhalation | 2.73 mg/m ³ |
| Long term – Systemic effects - General population | Oral | 0.74 mg/kg bw/day |

naphthalene

| Duration: | Route of exposure: | DNEL: |
|--|--------------------|----------------------|
| Long term – Systemic effects - Workers | Dermal | 3.57 mg/kg bw/day |
| Long term – Local effects - Workers | Inhalation | 25 mg/m ³ |
| Long term – Local effects - Workers | Inhalation | 25 mg/m ³ |
| Long term – Systemic effects - Workers | Inhalation | 25 mg/m ³ |

Tricarbonyl(methylcyclopentadienyl)manganese

| Duration: | Route of exposure: | DNEL: |
|---|--------------------|--------------------|
| Long term – Systemic effects - General population | Dermal | 0.062 mg/kg bw/day |



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| | | |
|---|------------|------------------------|
| Long term – Systemic effects - Workers | Dermal | 0.11 mg/kg bw/day |
| Long term – Systemic effects - General population | Inhalation | 0.11 mg/m ³ |
| Long term – Systemic effects - Workers | Inhalation | 0.6 mg/m ³ |

▼ PNEC

2-butoxyethanol

| Route of exposure: | Duration of Exposure: | PNEC: |
|-----------------------------------|-----------------------|------------|
| Freshwater | | 8.8 mg/L |
| Freshwater sediment | | 34.6 mg/kg |
| Intermittent release (freshwater) | | 26.4 mg/L |
| Marine water | | 880 µg/L |
| Marine water sediment | | 3.46 mg/kg |
| Predators | | 20 mg/kg |
| Sewage treatment plant | | 463 mg/L |
| Soil | | 2.33 mg/kg |

Distillates (petroleum), hydrotreated light paraffinic; Baseoil - unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C15 through C30 and produces a finished oil with a viscosity of less than 100 SUS at 100 °F (19cSt at 40 °C). It contains a relatively large proportion of saturated hydrocarbons.]

| Route of exposure: | Duration of Exposure: | PNEC: |
|--------------------|-----------------------|------------|
| Predators | | 9.33 mg/kg |

naphthalene

| Route of exposure: | Duration of Exposure: | PNEC: |
|-----------------------------------|-----------------------|------------|
| Freshwater | | 2.4 µg/L |
| Freshwater | | 2.4 µg/L |
| Freshwater sediment | | 67.2 µg/kg |
| Freshwater sediment | | 67.2 µg/kg |
| Intermittent release (freshwater) | | 20 µg/L |
| Intermittent release (freshwater) | | 20 µg/L |
| Marine water | | 2.4 µg/L |
| Marine water | | 2.4 µg/L |
| Marine water sediment | | 67.2 µg/kg |
| Marine water sediment | | 67.2 µg/kg |
| Sewage treatment plant | | 2.9 mg/L |
| Soil | | 53.3 µg/kg |
| Soil | | 53.3 µg/kg |



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Tricarbonyl(methylcyclopentadienyl)manganese

| Route of exposure: | Duration of Exposure: | PNEC: |
|-----------------------------------|-----------------------|------------|
| Freshwater | | 0.21 µg/L |
| Intermittent release (freshwater) | | 2.1 µg/L |
| Marine water | | 0.021 µg/L |
| Soil | | 16 µg/kg |

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios:

There are no exposure scenarios implemented for this product.

Exposure limits:

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures:

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure:

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally:

Use only CE marked protective equipment.


▼ *Respiratory Equipment:*

No specific requirements.

Skin protection:

| Recommended | Type/Category | Standards | |
|--------------------------|--------------------------|-----------------------|--|
| Protective work clothing | Protective work clothing | | |
| NA | NA | Long sleeved clothing | |

Hand protection:

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards | |
|----------|----------------------|--------------------------|-----------|---|
| Gloves | - | - | EN374 |  |

Eye protection:

| Type | Standards | |
|------------------------------|------------------------------|--|
| Tight sealing safety goggles | Tight sealing safety goggles | |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | |
|--------------------------------------|----------------------------|
| <i>Physical state:</i> | Liquid |
| <i>Colour:</i> | Yellow |
| <i>Odour / Odour threshold:</i> | Petroleum-like |
| <i>pH:</i> | Not determined |
| ▼ <i>Density (g/cm³):</i> | 0.78 |
| <i>Relative density:</i> | 0.78 |
| ▼ <i>Kinematic viscosity:</i> | No data available. |
| <i>Particle characteristics:</i> | Does not apply to liquids. |

Phase changes

| | |
|---|----------------------------|
| <i>Melting point/Freezing point (°C):</i> | No data available |
| <i>Softening point/range (°C):</i> | Does not apply to liquids. |
| ▼ <i>Boiling point (°C):</i> | No data available. |
| <i>Vapour pressure:</i> | No data available |
| <i>Relative vapour density:</i> | No data available |
| <i>Decomposition temperature (°C):</i> | No data available |

Data on fire and explosion hazards

| | |
|---|--------------------|
| <i>Flash point (°C):</i> | 70 |
| ▼ <i>Flammability (°C):</i> | No data available. |
| ▼ <i>Auto-ignition temperature (°C):</i> | No data available. |
| ▼ <i>Lower and upper explosion limit (% v/v):</i> | No data available. |

Solubility

| | |
|-----------------------------|----------------------------------|
| <i>Solubility in water:</i> | Not miscible or difficult to mix |
|-----------------------------|----------------------------------|



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▼ *n*-octanol/water coefficient (LogKow): No data available.
▼ Solubility in fat (g/L): No data available.

9.2. Other information

Evaporation rate (*n*-butylacetate = 100): No data available
Other physical and chemical parameters: No data available.
Oxidizing properties: No data available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Heat, flames, and sparks
Excessive heat

10.5. Incompatible materials

Strong acids
Strong oxidizing agents
Strong bases

10.6. ▼ Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

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

▼ Acute toxicity

Toxic if inhaled.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory sensitisation

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

Skin sensitisation

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



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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

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

▼ STOT-repeated exposure

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

Aspiration hazard

May be fatal if swallowed and enters airways.

▼ Symptoms related to the physical, chemical and toxicological characteristics

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

11.2. Information on other hazards

▼ Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

2-butoxyethanol has been classified by IARC as a group 3 carcinogen.
naphthalene has been classified by IARC as a group 2B carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

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

12.3. Bioaccumulative potential

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

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. ▼ Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.



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12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. ▼ Waste treatment methods

Product is covered by the regulations on hazardous waste.

HP 5 - Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

HP 6 - Acute toxicity

Dispose of contents/container to an approved waste disposal plant.

Disposal to the sewer is discouraged.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code:

Not applicable.

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

| | 14.1 UN / ID | 14.2 UN proper shipping name | 14.3 Hazard class(es) | 14.4 PG* | 14.5 Env** | Other informat ion: |
|-----------------|-----------------|---------------------------------|--------------------------|-------------|---------------|---------------------------|
| ADR/ADN/ RID | - | - | - | - | - | - |
| IMDG | - | - | - | - | - | - |
| IATA | - | - | - | - | - | - |

▼ Additional information

This product is within scope of the regulations of transport of dangerous goods.

Although this product is environmentally hazardous, the environmentally hazardous substance mark has been omitted as the product is supplied in packaging with a maximum quantity of 5 L / 5 kg.

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14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: REGULATORY INFORMATION



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

Restrictions for application:

People under the age of 18 shall not be exposed to this product.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education:

No specific requirements.

▼ SEVESO - Categories / dangerous substances:

H2 - ACUTE TOXIC, Qualifying quantity (lower-tier): 50 tonnes / (upper-tier): 200 tonnes

Declaration of chemicals:

If the product is imported or produced in more than 100 kg/year it is subject to registration in the Product Register because it is classified as hazardous.

Additional information:

Tactile warning.

If this product is sold in retail, it must be delivered with child-resistant fastening.

Sources:

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work. Act no. 62 of 17th June 2005 relating to working environment, working hours and employment protection, etc. (Working Environment Act).

Regulation of 1 July 2016 no. 569 on measures to prevent and limit the consequences of major accidents in companies where hazardous chemicals occur (the Major Accidents Regulations). Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

Regulation of 15 May 2015 no. 541 on declaring chemicals to the product register (Declaration Regulations)

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 (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the



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Registration, Evaluation, Authorisation and
Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H226, Flammable liquid and vapour.
H301, Toxic if swallowed.
H302, Harmful if swallowed.
H304, May be fatal if swallowed and enters airways.
H310, Fatal in contact with skin.
H315, Causes skin irritation.
H319, Causes serious eye irritation.
H330, Fatal if inhaled.
H332, Harmful if inhaled.
H335, May cause respiratory irritation.
H351, Suspected of causing cancer.
H400, Very toxic to aquatic life.
H410, Very toxic to aquatic life with long lasting effects.
H411, Toxic to aquatic life with long lasting effects.

▼ Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
GWP = Global warming potential
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association



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IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The safety data sheet is validated by

NL

▼ Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product.

Information in this safety data sheet cannot be used as a product specification.

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