SAFETY DATA SHEET

# Rislone Diesel Fuel System Treatment

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

### 1.1. Product identifier

| | |
|---|---|
| *Trade name:* | Rislone Diesel Fuel System Treatment |
| *Product no.:* | 34740, 44740 |
| *Unique formula identifier (UFI):* | 34WY-V3N7-Y00F-K4C0 |

### 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**<br>Rydståvägen 45<br>S-424 91 OLOFSTORP<br>Sweden<br>+46 (0)31 55 50 88<br>https://www.rislonenordic.com/ |
| *Contact person:* | Support Department |
| *E-mail:* | info@rislonenordic.com |
| ▼*Revision:* | 13 July 2026 |
| ▼*SDS Version:* | 6.0 |
| ▼*Date of previous version:* | 27 March 2026 (5.0) |

### 1.4. ▼Emergency telephone number

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

22 59 13 00 (Poison Information Center)
112 (Emergency Poison Information Center)

## SECTION 2: HAZARDS IDENTIFICATION

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

## 2.1. Classification of the substance or mixture

Skin Irrit. 2; H315, Causes skin irritation.
Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

## 2.2. Label elements

*Hazard pictogram(s):*

| | |
|---|---|
| *Signal word:* | Warning |
| *Hazard statement(s):* | Causes skin irritation. (H315)<br>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)<br>Keep out of reach of children. (P102) |
| *Prevention:* | Wash hands and exposed skin thoroughly after handling. (P264)<br>Avoid release to the environment. (P273)<br>Wear eye protection/protective gloves/protective clothing. (P280) |
| *Response:* | IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310)<br>Do NOT induce vomiting. (P331) |
| *Storage:* | Not applicable. |
| *Disposal:* | Dispose of contents/container in accordance with local regulation.<br>(P501) |
| *Hazardous substances:* | Contains no substances that need to be listed on the label. |
| *Additional labelling:* | UFI: 34WY-V3N7-Y00F-K4C0 |

## 2.3. Other hazards

| | |
|---|---|
| *Additional warnings:* | This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.<br>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 | CAS No.: 64742-47-8<br>EC No.: 265-149-8<br>REACH: 01-2119474881-29-XXXX<br>Index No.: 649-422-00-2 | 60-80% | Asp. Tox. 1, H304 | [19] |
| 2-butoxyethanol | CAS No.: 111-76-2<br>EC No.: 203-905-0<br>REACH: 01-2119475108-36-XXXX<br>Index No.: 603-014-00-0 | 5-10% | Acute Tox. 4, H302<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Acute Tox. 4, H332 | [1] |
| Solvent naphtha (petroleum), light arom. | CAS No.: 64742-95-6<br>EC No.: 265-199-0<br>REACH: 01-2119486773-24-XXXX<br>Index No.: 649-356-00-4 | 3-5% | Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Aquatic Chronic 2, H411 | [15], [19] |
| 2-ethylhexyl nitrate | CAS No.: 27247-96-7<br>EC No.: 248-363-6<br>REACH: 01-2119539586-27-XXXX<br>Index No.: | 3-5% | Acute Tox. 4, H302<br>Acute Tox. 4, H312<br>Acute Tox. 4, H332<br>Aquatic Chronic 2, H411 | |
| Solvent naphtha (petroleum), heavy arom. | CAS No.: 64742-94-5<br>EC No.: 265-198-5<br>REACH: 01-2119510128-50-XXXX<br>Index No.: 649-424-00-3 | 3-5% | Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>Skin Irrit. 2, H315<br>STOT SE 3, H336<br>Aquatic Chronic 2, H411 | [19] |
| 1,2,4-trimethylbenzene | CAS No.: 95-63-6<br>EC No.: 202-436-9<br>REACH: 01-2119472135-42-XXXX<br>Index No.: 601-043-00-3 | 1-3% | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Acute Tox. 4, H332<br>STOT SE 3, H335<br>Aquatic Chronic 2, H411 | [1] |
| mesitylene | CAS No.: 108-67-8<br>EC No.: 203-604-4<br>REACH: 01-2119463878-19-XXXX<br>Index No.: 601-025-00-5 | <1% | Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT SE 3, H335<br>Aquatic Chronic 2, H411 | [1] |

| | | | | |
|---|---|---|---|---|
| 2,6-di-tert-butylphenol | CAS No.: 128-39-2<br>EC No.: 204-884-0<br>REACH: 01-2119490822-33-XXXX<br>Index No.: | <1% | Skin Irrit. 2, H315<br>Aquatic Acute 1, H400 (M=1)<br>Aquatic Chronic 1, H410 (M=1) | |
| naphthalene | CAS No.: 91-20-3<br>EC No.: 202-049-5<br>REACH: 01-2119561346-37-XXXX<br>Index No.: 601-052-00-2 | <1% | Acute Tox. 4, H302<br>Carc. 2, H351<br>Aquatic Acute 1, H400 (M=1)<br>Aquatic Chronic 1, H410 (M=1) | [1] |
| p-xylene;m-xylene;xylene;o-xylene | CAS No.: 1330-20-7<br>EC No.: 215-535-7<br>REACH: 01-2119488216-32-XXXX<br>Index No.: 601-022-00-9 | <1% | Flam. Liq. 3, H226<br>Acute Tox. 4, H312<br>Skin Irrit. 2, H315<br>Acute Tox. 4, H332 | [1] |
| 2-ethylhexan-1-ol | CAS No.: 104-76-7<br>EC No.: 203-234-3<br>REACH: 01-2119487289-20-XXXX<br>Index No.: | <0.25% | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Acute Tox. 4, H332<br>STOT SE 3, H335 | [1] |
| Cumene;propylbenzene | CAS No.: 98-82-8<br>EC No.: 202-704-5<br>REACH: 01-2119473983-24-XXXX<br>Index No.: 601-024-00-X | <0.05% | Flam. Liq. 3, H226<br>Asp. Tox. 1, H304<br>STOT SE 3, H335<br>Aquatic Chronic 3, H412 | |
| (2-methoxymethylethoxy)propanol | CAS No.: 34590-94-8<br>EC No.: 252-104-2<br>REACH: 01-2119450011-60-XXXX<br>Index No.: | <0.0001% | | |
| ethylbenzene | CAS No.: 100-41-4<br>EC No.: 202-849-4<br>REACH: 01-2119489370-35-XXXX<br>Index No.: 601-023-00-4 | <0.000001% | Asp. Tox. 1, H304<br>Acute Tox. 4, H332<br>STOT RE 2, H373<br>Aquatic Chronic 3, H412 | |

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).
[15] The classification as a carcinogen / mutagen will not be taken into account as the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7) (CLP, Annex VI, note P).
[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.<br>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 person into fresh air and stay with him/her. |
| *Skin contact:* | IF ON SKIN: Wash with plenty of water and soap.<br>Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.<br>If skin irritation occurs: Get medical advice/attention. |
| *Eye contact:* | If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport. |
| *Ingestion:* | If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.<br>In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material. |

*Burns:* Not applicable.

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

Headache, Methaemoglobinaemia (naphthalene)
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.

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

Treat symptomatically.

### Information to medics

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

## 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:
Nitrogen oxides ($NO_x$)
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.
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 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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

| | |
|---|---|
| *Recommended storage material:* | Keep only in original packaging. |
| *Storage conditions:* | Dry, cool and well ventilated |
| *Incompatible materials:* | Oxidizing agents |

### 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/m$^3$): 50
Long term exposure limit (8 hours) (ppm): 10
Short term exposure limit (15 minutes) (mg/m$^3$): 75 (beregnet verdi)
Short term exposure limit (15 minutes) (ppm): 20 (beregnet verdi)
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.

1,2,4-trimethylbenzene
Long term exposure limit (8 hours) (mg/m$^3$): 100
Long term exposure limit (8 hours) (ppm): 20
Short term exposure limit (15 minutes) (mg/m$^3$): 150 (beregnet verdi)
Short term exposure limit (15 minutes) (ppm): 30 (beregnet verdi)
Annotations:
E = The EU has set an indicative limit value and/or remark for the substance.

mesitylene
Long term exposure limit (8 hours) (mg/m³): 100
Long term exposure limit (8 hours) (ppm): 20
Short term exposure limit (15 minutes) (mg/m³): 150 (beregnet verdi)
Short term exposure limit (15 minutes) (ppm): 30 (beregnet verdi)
Annotations:
E = The EU has set an indicative limit value and/or remark for the substance.

Distillates (petroleum), hydrotreated light paraffinic
Long term exposure limit (8 hours) (mg/m³): 1 (Oljetåke (mineraloljepartikler))
Short term exposure limit (15 minutes) (mg/m³): 3 (beregnet verdi)

Distillates (petroleum), hydrotreated heavy paraffinic
Long term exposure limit (8 hours) (mg/m³): 1 (Oljetåke (mineraloljepartikler))
Short term exposure limit (15 minutes) (mg/m³): 3 (beregnet verdi)

naphthalene
Long term exposure limit (8 hours) (mg/m³): 50
Long term exposure limit (8 hours) (ppm): 10
Short term exposure limit (15 minutes) (mg/m³): 75 (beregnet verdi)
Short term exposure limit (15 minutes) (ppm): 20 (beregnet verdi)
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.
K = Carcinogenic substance.

p-xylene;m-xylene;xylene;o-xylene
Long term exposure limit (8 hours) (mg/m³): 108
Long term exposure limit (8 hours) (ppm): 25
Short term exposure limit (15 minutes) (mg/m³): 135 (beregnet verdi)
Short term exposure limit (15 minutes) (ppm): 37,5 (beregnet verdi)
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.

2-ethylhexan-1-ol
Long term exposure limit (8 hours) (mg/m³): 5,4
Long term exposure limit (8 hours) (ppm): 1
Short term exposure limit (15 minutes) (mg/m³): 54
Short term exposure limit (15 minutes) (ppm): 10
Annotations:
E = The EU has set an indicative limit value and/or remark for the substance.
S = Short term value is a value for the average concentration of a chemical in the breathing zone of an employee not to be exceeded for a specified reference period. The reference period is 15 minutes unless otherwise stated.

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-2026-04-10-580.

### ▼DNEL

1,2,4-trimethylbenzene

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Systemic effects - General population | Dermal | 9,512 mg/kg bw/day |
| Long term – Systemic effects - Workers | Dermal | 16,171 mg/kg bw/day |
| Long term – Local effects - General population | Inhalation | 29.4 mg/m³ |
| Long term – Local effects - Workers | Inhalation | 100 mg/m³ |
| Long term – Systemic effects - General population | Inhalation | 29.4 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 100 mg/m³ |
| Short term – Local effects - General population | Inhalation | 29.4 mg/m³ |
| Short term – Local effects - Workers | Inhalation | 100 mg/m³ |
| Short term – Systemic effects - General population | Inhalation | 29.4 mg/m³ |
| Short term – Systemic effects - Workers | Inhalation | 100 mg/m³ |
| Long term – Systemic effects - General population | Oral | 15 mg/kg bw/day |

2-butoxyethanol

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Systemic effects - General population | Inhalation | 59 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 98 mg/m³ |
| Short term – Local effects - General population | Inhalation | 147 mg/m³ |
| Short term – Local effects - Workers | Inhalation | 246 mg/m³ |
| Short term – Systemic effects - General population | Inhalation | 426 mg/m³ |
| Short term – Systemic effects - Workers | Inhalation | 1,091 mg/m³ |
| 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 |

2-ethylhexan-1-ol

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Systemic effects - General population | Dermal | 11.4 mg/kg bw/day |
| Long term – Systemic effects - Workers | Dermal | 23 mg/kg bw/day |
| Long term – Local effects - General population | Inhalation | 26.6 mg/m³ |
| Long term – Local effects - Workers | Inhalation | 53.2 mg/m³ |
| Long term – Systemic effects - General population | Inhalation | 2.3 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 12.8 mg/m³ |

| | | |
|---|---|---|
| Short term – Local effects - General population | Inhalation | 26.6 mg/m³ |
| Short term – Local effects - Workers | Inhalation | 53.2 mg/m³ |
| Long term – Systemic effects - General population | Oral | 1.1 mg/kg bw/day |

2-ethylhexyl nitrate

| **Duration:** | **Route of exposure:** | **DNEL:** |
|---|---|---|
| Long term – Local effects - General population | Dermal | 22 µg/cm² |
| Long term – Local effects - Workers | Dermal | 44 µg/cm² |
| Long term – Systemic effects - General population | Dermal | 520 µg/kg bw/day |
| Long term – Systemic effects - Workers | Dermal | 1 mg/kg bw/day |
| Long term – Systemic effects - General population | Inhalation | 87 µg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 350 µg/m³ |
| Long term – Systemic effects - General population | Oral | 25 µg/kg bw/day |

2,6-di-tert-butylphenol

| **Duration:** | **Route of exposure:** | **DNEL:** |
|---|---|---|
| Long term – Systemic effects - General population | Dermal | 0.42 mg/kg bw/day |
| Long term – Systemic effects - Workers | Dermal | 0.7 mg/kg bw/day |
| Long term – Systemic effects - General population | Inhalation | 1.21 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 6.8 mg/m³ |
| Long term – Systemic effects - General population | Oral | 0.42 mg/kg bw/day |

Distillates (petroleum), hydrotreated heavy paraffinic

| **Duration:** | **Route of exposure:** | **DNEL:** |
|---|---|---|
| Long term – Systemic effects - Workers | Dermal | 0.97 mg/kg bw/day |
| Long term – Local effects - Workers | Inhalation | 5.58 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 2.73 mg/m³ |
| Long term – Systemic effects - General population | Oral | 0.74 mg/kg bw/day |

Distillates (petroleum), hydrotreated light paraffinic

| **Duration:** | **Route of exposure:** | **DNEL:** |
|---|---|---|
| Long term – Systemic effects - Workers | Dermal | 0.97 mg/kg bw/day |
| Long term – Local effects - Workers | Inhalation | 5.58 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 2.73 mg/m³ |
| Long term – Systemic effects - General population | Oral | 0.74 mg/kg bw/day |

mesitylene

| **Duration:** | **Route of exposure:** | **DNEL:** |
|---|---|---|
| Long term – Systemic effects - General population | Dermal | 9,512 mg/kg bw/day |
| Long term – Systemic effects - Workers | Dermal | 16,171 mg/kg bw/day |

| | | |
|---|---|---|
| Long term – Local effects - General population | Inhalation | 29.4 mg/m³ |
| Long term – Local effects - Workers | Inhalation | 100 mg/m³ |
| Long term – Systemic effects - General population | Inhalation | 29.4 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 100 mg/m³ |
| Short term – Local effects - General population | Inhalation | 29.4 mg/m³ |
| Short term – Local effects - Workers | Inhalation | 100 mg/m³ |
| Short term – Systemic effects - General population | Inhalation | 29.4 mg/m³ |
| Short term – Systemic effects - Workers | Inhalation | 100 mg/m³ |
| Long term – Systemic effects - General population | Oral | 15 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/m³ |
| Long term – Systemic effects - Workers | Inhalation | 25 mg/m³ |

p-xylene;m-xylene;xylene;o-xylene

| **Duration:** | **Route of exposure:** | **DNEL:** |
|---|---|---|
| Long term – Systemic effects - General population | Dermal | 125 mg/kg bw/day |
| Long term – Systemic effects - Workers | Dermal | 212 mg/kg bw/day |
| Long term – Local effects - General population | Inhalation | 65.3 mg/m³ |
| Long term – Local effects - Workers | Inhalation | 221 mg/m³ |
| Long term – Systemic effects - General population | Inhalation | 65.3 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 221 mg/m³ |
| Short term – Local effects - General population | Inhalation | 260 mg/m³ |
| Short term – Local effects - Workers | Inhalation | 442 mg/m³ |
| Short term – Systemic effects - General population | Inhalation | 260 mg/m³ |
| Short term – Systemic effects - Workers | Inhalation | 442 mg/m³ |
| Long term – Systemic effects - General population | Oral | 2.5 mg/kg bw/day |

Solvent naphtha (petroleum), heavy arom.

| **Duration:** | **Route of exposure:** | **DNEL:** |
|---|---|---|
| Long term – Systemic effects - General population | Dermal | 1.64 mg/kg bw/day |
| Long term – Systemic effects - Workers | Dermal | 7.7 mg/kg bw/day |
| Long term – Systemic effects - General population | Inhalation | 10.66 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 50 mg/m³ |
| Short term – Local effects - Workers | Inhalation | 250 mg/m³ |
| Long term – Systemic effects - General population | Oral | 5 mg/kg bw/day |

Solvent naphtha (petroleum), light arom.

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Local effects - General population | Inhalation | 178.57 mg/m³ |
| Long term – Local effects - Workers | Inhalation | 837.5 mg/m³ |
| Short term – Local effects - General population | Inhalation | 640 mg/m³ |
| Short term – Local effects - Workers | Inhalation | 1,066.67 mg/m³ |
| Short term – Systemic effects - General population | Inhalation | 1,152 mg/m³ |
| Short term – Systemic effects - Workers | Inhalation | 1,286.4 mg/m³ |

▼ **PNEC**

1,2,4-trimethylbenzene

| Route of exposure: | Duration of Exposure: | PNEC: |
|---|---|---|
| Freshwater | | 36.7 µg/L |
| Freshwater sediment | | 4.16 mg/kg |
| Intermittent release (freshwater) | | 20.8 µg/L |
| Intermittent release (marine water) | | 2.08 µg/L |
| Marine water | | 3.67 µg/L |
| Marine water sediment | | 0.416 mg/kg |
| Sewage treatment plant | | 3.182 mg/L |
| Soil | | 0.81 mg/kg |

2-butoxyethanol

| Route of exposure: | Duration of Exposure: | PNEC: |
|---|---|---|
| Sewage treatment plant | | 66 mg/L |

2-ethylhexan-1-ol

| Route of exposure: | Duration of Exposure: | PNEC: |
|---|---|---|
| Freshwater | | 27.8 µg/L |
| Freshwater sediment | | 272.44 µg/kg |
| Intermittent release (freshwater) | | 171 µg/L |
| Intermittent release (marine water) | | 17.1 µg/L |
| Marine water | | 2.78 µg/L |
| Marine water sediment | | 27.24 µg/kg |
| Sewage treatment plant | | 10 mg/L |
| Soil | | 38.2 µg/kg |

2-ethylhexyl nitrate

| Route of exposure: | Duration of Exposure: | PNEC: |
|---|---|---|
| Freshwater | | 830 ng/L |

| | | |
|---|---|---|
| Freshwater sediment | | 470 µg/kg |
| Intermittent release (freshwater) | | 8.3 µg/L |
| Intermittent release (marine water) | | 830 ng/L |
| Marine water | | 83 ng/L |
| Marine water sediment | | 47 µg/kg |
| Sewage treatment plant | | 10 mg/L |
| Soil | | 93.5 µg/kg |

2,6-di-tert-butylphenol

| **Route of exposure:** | **Duration of Exposure:** | **PNEC:** |
|---|---|---|
| Freshwater | | 0.001 mg/L |
| Freshwater sediment | | 0.317 mg/kg |
| Intermittent release (freshwater) | | 0.004 mg/L |
| Marine water | | 0 mg/L |
| Marine water sediment | | 0.032 mg/kg |
| Predators | | 60 mg/kg |
| Sewage treatment plant | | 10 mg/L |
| Soil | | 0.697 mg/kg |

Distillates (petroleum), hydrotreated heavy paraffinic

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

Distillates (petroleum), hydrotreated light paraffinic

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

mesitylene

| **Route of exposure:** | **Duration of Exposure:** | **PNEC:** |
|---|---|---|
| Freshwater | | 40 µg/L |
| Freshwater sediment | | 3.11 mg/kg |
| Intermittent release (freshwater) | | 60 µg/L |
| Intermittent release (marine water) | | 6 µg/L |
| Marine water | | 4 µg/L |
| Marine water sediment | | 0.311 mg/kg |
| Sewage treatment plant | | 2.42 mg/L |
| Soil | | 0.599 mg/kg |

naphthalene

| **Route of exposure:** | **Duration of Exposure:** | **PNEC:** |
|---|---|---|

| | | |
|---|---|---|
| Freshwater | | 2.4 µg/L |
| Freshwater sediment | | 67.2 µg/kg |
| Intermittent release (freshwater) | | 20 µg/L |
| Marine water | | 2.4 µg/L |
| Marine water sediment | | 67.2 µg/kg |
| Sewage treatment plant | | 2.9 mg/L |
| Soil | | 53.3 µg/kg |

p-xylene;m-xylene;xylene;o-xylene

| **Route of exposure:** | **Duration of Exposure:** | **PNEC:** |
|---|---|---|
| Freshwater | | 0.044 mg/L |
| Freshwater sediment | | 2.52 mg/kg |
| Intermittent release (freshwater) | | 0.01 mg/L |
| Intermittent release (marine water) | | 0.001 mg/L |
| Marine water | | 0.004 mg/L |
| Marine water sediment | | 0.252 mg/kg |
| Sewage treatment plant | | 1.6 mg/L |
| Soil | | 0.852 mg/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.

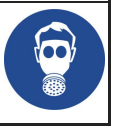
*Hygiene measures:* Take off contaminated clothing and wash it before reuse.

*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:*

| Work situation | Type | Class | Colour | Standards | |
|---|---|---|---|---|---|
| In case of inadequate ventilation | Combination filter AXP1 | | Brown/White | EN14387, EN143 |  |

*Skin protection:*

| Recommended | Type/Category | Standards | |
|---|---|---|---|
| Dedicated work clothing should be worn. | - | - | |

*Hand protection:*

| Work situation | Material | Glove thickness (mm) | Breakthrough time (min.) | Standards | |
|---|---|---|---|---|---|
| When there is risk of splash- / intermittent exposure | Cotton/Nitril | - | > 240 | EN374-2, EN16523-1, EN388 | |

▼*Eye protection:*

| Type | Standards | |
|---|---|---|
| Safety glasses with side shields. | EN 166 / EN ISO 16321-1 | |

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

*Physical state:* Liquid

*Colour:* Green, Yellow

*Odour / Odour threshold:* Petroleum-like

*pH:* Not determined

*Density (g/cm$^3$):* -

*Relative density:* 0.80-0.83

*Kinematic viscosity:* Not determined

| | |
|---|---|
| *Particle characteristics:* | Does not apply to liquids. |

**Phase changes**

| | |
|---|---|
| *Melting point/Freezing point (°C):* | Not determined |
| *Softening point/range (°C):* | Does not apply to liquids. |
| *Boiling point (°C):* | 92 |
| *Vapour pressure:* | Not determined |
| *Relative vapour density:* | No data available. |
| *Decomposition temperature (°C):* | No data available. |

**Data on fire and explosion hazards**

| | |
|---|---|
| *Flash point (°C):* | 62 |
| *Flammability (°C):* | Not applicable |
| *Auto-ignition temperature (°C):* | 215 |
| *Lower and upper explosion limit (% v/v):* | Not applicable |

**Solubility**

| | |
|---|---|
| *Solubility in water:* | Insoluble |
| *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):* | Not determined |
| *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
Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.
Heat, flames, and sparks

### 10.5. Incompatible materials
Oxidizing agents

### 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**

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

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/irritation**

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

**Respiratory sensitization**

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

**Skin sensitisation**

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

**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**

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

**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.
naphthalene has been classified by IARC as a group 2B.
p-xylene;m-xylene;xylene;o-xylene has been classified by IARC as a group 3.

## 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.

### 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 not covered by regulations on dangerous waste.
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:* | 07 01 04*<br>Other organic solvents, washing liquids and mother liquors |

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

## SECTION 14: TRANSPORT INFORMATION

| | 14.1<br>UN / ID | 14.2<br>UN proper shipping name | 14.3<br>Hazard class(es) | 14.4<br>PG* | 14.5<br>Env** | Other information: |
|---|---|---|---|---|---|---|
| ADR/ADN/RID | UN3082 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Distillates (petroleum), hydrotreated light) | Transport hazard class: 9<br>Label: 9<br>Classification code: M6<br> | III | No | Limited quantities: 5 L<br>Tunnel restriction code: (-)<br>See below for additional information. |
| IMDG | UN3082 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Distillates (petroleum), hydrotreated light) | Transport hazard class: 9<br>Label: 9<br>Classification code: M6<br> | III | No | Limited quantities: 5 L<br>EmS: F-A S-F<br>See below for additional information. |
| IATA | UN3082 | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Distillates (petroleum), hydrotreated light) | Transport hazard class: 9<br>Label: 9<br>Classification code: M6<br> | III | No | See below for additional information. |

**▼Additional information**

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.

-

ADR/ADN/RID / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

### 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

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

| | |
|---|---|
| *Restrictions for application:* | 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:* | Not applicable. |
| *REACH, Annex XVII:* | Solvent naphtha (petroleum), light arom. is subject to REACH restrictions (entry 40).<br>Solvent naphtha (petroleum), heavy arom. is subject to REACH restrictions (entry 40).<br>1,2,4-trimethylbenzene is subject to REACH restrictions (entry 40).<br>mesitylene is subject to REACH restrictions (entry 40).<br>p-xylene;m-xylene;xylene;o-xylene is subject to REACH restrictions (entry 40). |
| *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:* | Not applicable. |
| *Sources:* | Act no. 62 of 17th June 2005 relating to working environment, working hours and employment protection, etc. (Working Environment Act).<br>Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.<br>Regulation of 15 May 2015 no. 541 on declaring chemicals to the product register (Declaration Regulations)<br>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).<br>Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the 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.
H302, Harmful if swallowed.
H304, May be fatal if swallowed and enters airways.
H312, Harmful in contact with skin.
H315, Causes skin irritation.
H319, Causes serious eye irritation.
H332, Harmful if inhaled.
H335, May cause respiratory irritation.
H336, May cause drowsiness or dizziness.
H351, Suspected of causing cancer.
H373, May cause damage to organs through prolonged or repeated exposure.
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.
H412, Harmful 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
EC = Effective concentration
ED = Effective dose
EINECS = European Inventory of Existing Commercial chemical Substances
EL = Effective Loading
ErC = Concentration associated with x% growth rate response
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
HP = Hazardous Property code
IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IC = X maximum inhibitory concentration
IMDG = International Maritime Dangerous Goods
LC = Lethal concentration
LCLo = Value is the lowest concentration of a material in air reported to have caused the death of animals or humans
LD = Lethal dose
LOAEC = Lowest Observed Adverse Effect Concentration
LOAEL = Lowest Observed Adverse Effect Level
LOEC = Lowest Observed Effect Concentration
LogKow = logarithm of the n-octanol/water coefficient
LL = Lethal Loading
M = For multiplication factor
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
NOAEC = No Observed Adverse Effect Concentration
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
NOELR = No Observable Effect Loading Rate
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.
Country-language: NO-en