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** 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:*	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) 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:	Wash hands and exposed skin thoroughly after handling. (P264) Avoid release to the environment. (P273) Wear eye protection/protective gloves/protective clothing. (P280)
Response:	IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310) Do NOT induce vomiting. (P331)
Storage:	Not applicable.
Disposal:	Dispose of contents/container in accordance with local regulation. (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. 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 EC No.: 265-149-8 REACH: 01-2119474881-29-XXXX Index No.: 649-422-00-2	60-80%	Asp. Tox. 1, H304	[19]
2-butoxyethanol	CAS No.: 111-76-2 EC No.: 203-905-0 REACH: 01-2119475108-36-XXXX Index No.: 603-014-00-0	5-10%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 4, H332	[1]
Solvent naphtha (petroleum), light arom.	CAS No.: 64742-95-6 EC No.: 265-199-0 REACH: 01-2119486773-24-XXXX Index No.: 649-356-00-4	3-5%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 2, H411	[15], [19]
2-ethylhexyl nitrate	CAS No.: 27247-96-7 EC No.: 248-363-6 REACH: 01-2119539586-27-XXXX Index No.:	3-5%	Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Aquatic Chronic 2, H411	
Solvent naphtha (petroleum), heavy arom.	CAS No.: 64742-94-5 EC No.: 265-198-5 REACH: 01-2119510128-50-XXXX Index No.: 649-424-00-3	3-5%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 2, H411	[19]
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	1-3%	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 4, H332 STOT SE 3, H335 Aquatic Chronic 2, H411	[1]
mesitylene	CAS No.: 108-67-8 EC No.: 203-604-4 REACH: 01-2119463878-19-XXXX Index No.: 601-025-00-5	<1%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Chronic 2, H411	[1]

2,6-di-tert-butylphenol	CAS No.: 128-39-2 EC No.: 204-884-0 REACH: 01-2119490822-33-XXXX Index No.:	<1%	Skin Irrit. 2, H315 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	
naphthalene	CAS No.: 91-20-3 EC No.: 202-049-5 REACH: 01-2119561346-37-XXXX Index No.: 601-052-00-2	<1%	Acute Tox. 4, H302 Carc. 2, H351 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	[1]
p-xylene;m-xylene;xylene;o-xylene	CAS No.: 1330-20-7 EC No.: 215-535-7 REACH: 01-2119488216-32-XXXX Index No.: 601-022-00-9	<1%	Flam. Liq. 3, H226 Acute Tox. 4, H312 Skin Irrit. 2, H315 Acute Tox. 4, H332	[1]
2-ethylhexan-1-ol	CAS No.: 104-76-7 EC No.: 203-234-3 REACH: 01-2119487289-20-XXXX Index No.:	<0.25%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 4, H332 STOT SE 3, H335	[1]
Cumene;propylbenzene	CAS No.: 98-82-8 EC No.: 202-704-5 REACH: 01-2119473983-24-XXXX Index No.: 601-024-00-X	<0.05%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H335 Aquatic Chronic 3, H412	
(2-methoxymethylethoxy)propanol	CAS No.: 34590-94-8 EC No.: 252-104-2 REACH: 01-2119450011-60-XXXX Index No.:	<0.0001%		
ethylbenzene	CAS No.: 100-41-4 EC No.: 202-849-4 REACH: 01-2119489370-35-XXXX Index No.: 601-023-00-4	<0.000001%	Asp. Tox. 1, H304 Acute Tox. 4, H332 STOT RE 2, H373 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. 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. Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners. 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. 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.

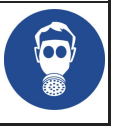
Hygiene measures: Take off contaminated clothing and wash it before reuse.

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

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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). Solvent naphtha (petroleum), heavy arom. is subject to REACH restrictions (entry 40). 1,2,4-trimethylbenzene is subject to REACH restrictions (entry 40). mesitylene is subject to REACH restrictions (entry 40). 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). 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 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