SAFETY DATA SHEET

Rislone Gas Fuel System Cleaner

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

1.1. Product identifier

Trade name:	Rislone Gas Fuel System Cleaner
Product no.:	34700, 44700
Unique formula identifier (UFI):	RQSY-N31C-Q00N-4G1E

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:*	04 June 2026
▼*SDS Version:*	4.0
▼*Date of previous version:*	05 May 2026 (3.0)

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

Asp. Tox. 1; H304, May be fatal if swallowed and enters airways.

2.2. Label elements

Hazard pictogram(s):

Signal word:	Danger
Hazard statement(s):	May be fatal if swallowed and enters airways. (H304)
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:	Not applicable.
Response:	IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310) Do NOT induce vomiting. (P331)
Storage:	Store locked up. (P405)
Disposal:	Dispose of contents/container in accordance with local regulation. (P501)
Hazardous substances:	Distillates (petroleum), hydrotreated light paraffinic
Additional labelling:	
	UFI: RQSY-N31C-Q00N-4G1E

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	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]
2-butoxyethanol	CAS No.: 111-76-2 EC No.: 203-905-0 REACH: 01-2119475108-36-XXXX Index No.: 603-014-00-0	<1%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 4, H332	[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]
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%	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	<0.25%	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]
ethylbenzene	CAS No.: 100-41-4 EC No.: 202-849-4 REACH: 01-2119489370-35-XXXX Index No.: 601-023-00-4	<0.25%	Asp. Tox. 1, H304 Acute Tox. 4, H332 STOT RE 2, H373 Aquatic Chronic 3, H412	[1]
1,2,3-trimethylbenzene	CAS No.: 526-73-8 EC No.: 208-394-8 REACH: Index No.:	<0.1%	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319	
Cumene;propylbenzene	CAS No.: 98-82-8 EC No.: 202-704-5 REACH: 01-2119473983-24-XXXX Index No.: 601-024-00-X	<0.1%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H335 Aquatic Chronic 3, H412	
2-ethylhexan-1-ol	CAS No.: 104-76-7 EC No.: 203-234-3	<0.1%	Skin Irrit. 2, H315 Eye Irrit. 2, H319	

	REACH: 01-2119487289-20-XXXX Index No.:		Acute Tox. 4, H332 STOT SE 3, H335	
Mesitylene	CAS No.: 108-67-8 EC No.: 203-604-4 REACH: 01-2119463878-19-XXXX Index No.:	<0.05%	Flam. Liq. 3, H226 STOT SE 3, H335 Aquatic Chronic 2, H411	
toluene	CAS No.: 108-88-3 EC No.: 203-625-9 REACH: 01-2119471310-51-XXXX Index No.: 601-021-00-3	<0.0001%	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Repr. 2, H361d STOT RE 2, H373	[1], [3]
naphthalene	CAS No.: 91-20-3 EC No.: 202-049-5 REACH: 01-2119561346-37-XXXX Index No.: 601-052-00-2	<0.0001%	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.
[3] According to REACH, Annex XVII, the substance is subject to restrictions.
[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 person into fresh air and stay with him/her.
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 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 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.

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.

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.
Keep unauthorized persons away from the spill

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

Avoid direct contact with the product.
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:	Always store in containers of the same material as the original container.
Storage conditions:	Cool, dry conditions in well sealed receptacles Avoid storage near extreme heat, ignition sources or open flame

	Keep in properly labeled containers. Store locked up.
Incompatible materials:	Strong acids, strong bases, strong oxidizing agents, and strong reducing 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

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

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

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.

p-xylene;m-xylene;xylene;o-xylene
Long term exposure limit (8 hours) (mg/m^3): 108
Long term exposure limit (8 hours) (ppm): 25
Short term exposure limit (15 minutes) (mg/m^3): 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.

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.

ethylbenzene
Long term exposure limit (8 hours) (mg/m³): 20
Long term exposure limit (8 hours) (ppm): 5
Short term exposure limit (15 minutes) (mg/m³): 30 (beregnet verdi)
Short term exposure limit (15 minutes) (ppm): 10 (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.

toluene
Long term exposure limit (8 hours) (mg/m³): 94
Long term exposure limit (8 hours) (ppm): 25
Short term exposure limit (15 minutes) (mg/m³): 141 (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.

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.

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

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

ethylbenzene

Duration:	**Route of exposure:**	**DNEL:**
Long term – Systemic effects - Workers	Dermal	180 mg/kg bw/day
Long term – Local effects - Workers	Inhalation	442 mg/m³

Long term – Systemic effects - General population	Inhalation	15 mg/m³
Long term – Systemic effects - Workers	Inhalation	77 mg/m³
Short term – Local effects - Workers	Inhalation	293 mg/m³
Long term – Systemic effects - General population	Oral	1.6 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

toluene

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Dermal	0.1 mg/cm²
Long term – Local effects - Workers	Dermal	0.188 mg/cm²
Long term – Systemic effects - General population	Dermal	75 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	150 mg/kg bw/day
Long term – Local effects - General population	Inhalation	18.9 mg/m³
Long term – Local effects - Workers	Inhalation	75.37 mg/m³
Long term – Systemic effects - General population	Inhalation	18.9 mg/m³
Long term – Systemic effects - Workers	Inhalation	75.37 mg/m³
Short term – Local effects - General population	Inhalation	188.5 mg/m³
Short term – Local effects - Workers	Inhalation	377 mg/m³
Short term – Systemic effects - General population	Inhalation	188.5 mg/m³
Short term – Systemic effects - Workers	Inhalation	377 mg/m³
Long term – Systemic effects - General population	Oral	2.69 mg/kg bw/day

▼ 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

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

ethylbenzene

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0.1 mg/L
Freshwater sediment		13.7 mg/kg
Intermittent release (freshwater)		0.1 mg/L
Marine water		0.01 mg/L
Marine water sediment		1.37 mg/kg
Predators		0.02 g/kg
Sewage treatment plant		9.6 mg/L
Soil		2.68 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

toluene

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		0.68 mg/L
Freshwater sediment		16.39 mg/kg
Intermittent release (freshwater)		0.68 mg/L
Intermittent release (marine water)		3.78 µg/L
Marine water		0.68 mg/L
Marine water sediment		16.39 mg/kg
Sewage treatment plant		13.61 mg/L
Soil		2.89 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: In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

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	
Wear suitable protective clothing.	Wear suitable protective clothing.	Wear suitable protective 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

Physical state: Liquid

Colour: Orange

Odour / Odour threshold: Petroleum-like

pH: No data available.

Density (g/cm^3): -

Relative density: 0.77

Kinematic viscosity: No data available.

Dynamic viscosity: 1.4 mm^2/s (40 °C)

Particle characteristics: Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C): No data available

Softening point/range (°C): Does not apply to liquids.

Boiling point (°C): 93

Vapour pressure:	No data available
Relative vapour density:	No data available.
Decomposition temperature (°C):	No data available

Data on fire and explosion hazards

Flash point (°C):	84-87
Flammability (°C):	No data available
Auto-ignition temperature (°C):	No data available
Lower and upper explosion limit (% v/v):	No data available.

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):	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

10.5. Incompatible materials
Strong acids, strong bases, strong oxidizing agents, and strong reducing 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

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

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

May be fatal if swallowed and enters airways.

Symptoms related to the physical, chemical and toxicological characteristics

None known.

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

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

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

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
None known.

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
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 information:
ADR/ADN/RID	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

Additional information
Not dangerous goods according to ADR/ADN/RID, IATA and IMDG.

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:	No special.
Demands for specific education:	No specific requirements.
SEVESO - Categories / dangerous substances:	Not applicable.
Regulation on drug precursors:	toluene is included (Category 3)
REACH, Annex XVII:	toluene is subject to REACH restrictions (entry 48). p-xylene;m-xylene;xylene;o-xylene 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). toluene 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. Council Regulation (EC) No 273/2004 on drug precursors. 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

H225, Highly flammable liquid and vapour.
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.
H361d, Suspected of damaging the unborn child.
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 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