


SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

	BS LUBOTRACK	The date of compilation:	2013-01-16
		Revision:	2022-11-21
		Version No.	7

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

1.1. Product identifier	Trade name:	BS Lubotrack
1.2. Relevant identified uses of the substance or mixture and uses advised against	Relevant identified uses of substance/mixture: Cleaning/maintenance agent for professional use - universal low-foaming synthetic lubricant for conveyor belts. Uses advised against: Use as directed on the label/ instructions for use.	
1.3. Details of the supplier of the safety data sheet	Supplier/manufacturer: UAB "BS Chemical", Briedžio str. 13, LT-97187 Kretinga, mobile: +370 663 73748, info@bs-chemical.lt, www.bs-chemical.com E-mail address for a competent person responsible for the safety data sheet: gintare@bs-chemical.lt	
1.4. Emergency telephone number	112 (in Member State of EU). Lithuania: +370 5 236 20 52, +370 687 533 78. Service is available 24 hours. Estonia: 16662, calling from abroad (+372) 626 93 90. Hours of operation are during weekdays from Monday 9AM to Saturday 9AM (closed on Sunday and on national holidays). Latvia: +371 67042473. Service is available 24 hours. Norway: 22 59 13 00. Poland: + 48 58 349 28 31, + 48 12 646 87 06, + 48 61 848 10 11, + 48 22 619 66 54 ext. 1240.	

SECTION 2: HAZARDS IDENTIFICATION


2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008):

Skin Irrit.2; H315	Skin corrosion/irritation, Hazard Category 2.
Eye Dam. 1; H318	Serious eye damage/eye irritation, Hazard Category 1.
STOT RE 2; H373	Specific target organ toxicity — Repeated exposure, Hazard Category 2.
Aquatic Chronic H411	2; Hazardous to the aquatic environment — Chronic Hazard, Category 2.

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2.2. Label elements

Labelling (Regulation (EC) No. 1272/2008):

Hazard pictograms:



GHS05



GHS08



GHS09

Signal word: Danger

Hazard statements: **H315** Causes skin irritation.
H318 Causes serious eye damage.
H373 May cause damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

Prevention:

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves/ protective clothing/eye protection/face protection/ hearing protection.

Emergency:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P332 + P313 IF exposed or concerned: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P391 Collect spillage.

Storage:


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Disposal:

P501 Dispose of contents/container in accordance with national regulation.

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2.3. Other hazards

Other hazards are unknown. The product does not meet PBT or vPvB classification criteria in accordance with Regulation (EC) No. 1907/2008 Annex XIII.

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

3.1. Substances Not applicable.

3.2. Mixtures

Ingredient(s) chemical name, <i>registration number</i>	CAS No.	EC No.	Weight, %	Classification
(Z)- α -(Carboxymethyl)- ω -(9-octadecenyloxy)-poly(oxy-1,2-ethanediyl)	57635-48-0	611-563-2	≤ 5	Skin Irrit. 2; H315 Eye Dam. 1; H318
(Z)-N-9-octadecenylpropane-1,3-diamine <i>01-2119487002-46-0000</i>	7173-62-8	230-528-9	≤ 5	Acute Tox. 4 H302 Skin Corr. 1B H314 STOT RE 1 H372 Aquatic Acute 1 H400 Aquatic Chronic 1 H410
Isotridecanol, ethoxylated	69011-36-5	500-241-6	< 5	Acute Tox. 4; H302 Eye Dam. 1; H318
Acetic acid <i>01-2119475328-30-0000</i>	64-19-7	200-580-7	< 5	Flam. Liq. 3 H226 Skin Corr. 1A H314

Workplace exposure limits, if any, are listed in subsection 8.1. For the full text of the abbreviations H and EUH, see Section 16.

Components according to EU Detergents Regulation No. 648/2004:

Anionic surfactants ≤ 5 , cationic surfactants ≤ 5 , nonionic surfactants < 5 .

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures:

After inhalation:

In case of inhalation of aerosols or gases during an accident, immediately stop contact - leave or take the person to fresh air, provide calmness. In case of symptoms of damage to the respiratory tract, call a doctor. If a person lost consciousness, lay him down steadily on a side and carry to the medical institution.

After skin contact:


Immediately remove all contaminated clothing, wash off with plenty of water. If symptoms of damage develop, seek medical advice.

After eye contact:

Rinse opened eye as soon as possible, rinse eyes with running water lifting and lowering eyelids for at least 15 minutes. Remove contact lenses, if they present and it is easy to do. Continue rinsing. Seek

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immediate medical attention.

After swallowing: Do not induce vomiting, do not give activated carbon. If a person is conscious, remove substance residues from mouth, rinse it with water, give to drink water until 500 ml and seek immediate medical attention.

Safety of providers of first aid: Provide for personal protective measures as specified in subsection 8.2.

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

After inhaling: No known effects or symptoms with normal use.

After skin contact: Causes skin irritation.

After eye contact: Causes serious eye damage.

After swallowing: Causes gastrointestinal irritation, nausea, vomiting, diarrhea.

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

Symptomatic treatment. No information is available on clinical trials and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media The mixture is non-flammable.

Suitable extinguishing media: water spray, dry extinguishing powder, carbon dioxide (CO₂).

Unsuitable extinguishing media: water jet.

During the fire extinguishing media must be selected assessing the properties of the surrounding combustible materials.

5.2. Special hazards arising from the substance or mixture It is necessary to know the properties of other stored chemicals or mixtures used.

5.3. Advice for firefighters In the event of fire, wear self-contained breathing apparatus. Collect contaminated fire extinguishing water separately.

SECTION 6: ACCIDENTAL RELEASE MEASURES


6.1. Personal precautions, protective equipment and emergency procedures Use personal protective equipment. Ensure adequate ventilation/respiratory protection, prevention of skin and eye contact. Do not breathe vapors.

6.2. Environmental precautions Prevent product from entering drains. Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for Collect with liquid-binding material (sand, soil, diatomite, vermiculite).

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containment and cleaning up

Neutralize residues and wash with water. It is forbidden to dispose the collected material into the rubbish bin or pour it back in the original packaging. Dispose the collected material according to instructions. In case of large spills, inform the rescue service.

6.4. Reference to other sections

See section 8.2 for information on personal protection equipment. See section 13 for waste disposal information.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Store in tightly closed original container in a dry, well-ventilated place. Do not damage the packaging. Do not store together with acids, strong oxidators. Store at a temperature not lower than 0°C and not higher than +35°C and away from heat sources and sunlight. Best before: 24 months from the date of manufacture.

7.2. Conditions for safe storage, including any incompatibilities

For professional use only. Use only in well-ventilated areas, in rooms with exhaust ventilation, in strict accordance with the instructions for use. Follow the general rules for working with chemical agents. Do not mix with other chemicals. Do not eat, drink or smoke while using. Do not allow the vapor concentration in the air to exceed the permissible limit value in the ambient air. Use appropriate personal protective equipment as specified in Section 8.

7.3. Specific end use(s)

See subsection 1.2.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1. Control parameters

Occupational Exposure Limits (OEL):

CAS No.	Name	Value	Source
64-19-7	Acetic acid	IPRD = 25mg/m ³ , 10ppm	LT OEL

Air limit values, if any:-

Biological limit values, if any:-

Recommended monitoring procedures, if any:-


Additional exposure limits under conditions of use, if any:-

Derived no-effect limit value (DNEL) according to Regulation (EC) No. 1907/2006:

CAS No.	Name	End Use	Exposure routes	Potential health effects	Value
7173-62-8	(Z)-N-9-octadecenylpropane-1,3-diamine	Workers	When inhaled	Long-term, systemic	39,5 µg/m ³

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CAS No.	Name	Users	Exposure Route		Exposure Scenario	PNEC
			Through the skin	When inhaled		
			Through the skin	When inhaled	Long-term, systemic	5,6 µg/kg bw /d.
			Through the skin	When swallowed		6,96 µg/m ³
			Through the skin	When inhaled		2 µg/kg bw/d.
			Through the skin	When swallowed		2 µg/kg bw/d.
69011-36-5	Isotridecanol, ethoxylated	Workers	Through the skin	When inhaled	Long-term, systemic	37 mg/m ³
			Through the skin	When swallowed		263 mg/kg bw/d.
		Users	Through the skin	When inhaled		6,53 mg/m ³
			Through the skin	When swallowed		93,8 mg/kg bw/d.
64-19-7	Acetic acid	Workers	Through the skin	When inhaled	Short-term, local	2,5mg/kg bw/d.
			Through the skin	When inhaled		25mg/m ³
						25 mg/m ³

Predicted No-Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

CAS No.	Name	Environmental area and value							
		Fresh water, mg/L	Intermittent (fresh water), mg/L	Intermittent (sea water), mg/L	Sea water, mg/L	Wastewater treatment plants (STP), mg/L	Sediment (fresh water), mg/kg sediment sm	Sediment (sea water), mg/kg sediment sm	Soil, mg/kg soil sm
7173-62-8	(Z)-N-9-octadecenylpropan e-1,3-diamine	0,01	1,48 x 10 ⁻³	-	1,0 x 10 ⁻³	2,51 x 10 ⁻¹	1,72	0,172	10
69011-36-5	Isotridecanol, ethoxylated	4,36 x 10 ⁻³	5,44 x 10 ⁻³	5,44 x 10 ⁻⁴	4,36 x 10 ⁻⁴	4,35	0,1194	1,194 x 10 ⁻²	2,13 x 10 ⁻²
64-19-7	Acetic acid	3,058	30,58	-	3,058 x 10 ⁻¹	85	11,36	1,136	4,7 x 10 ⁻¹

8.2. Exposure controls

This information applies to the uses specified in subsection 1.2 of the Safety Data Sheet. If available, see the product information sheet for instructions for use and handling. This section assumes normal conditions of use. Recommended safety precautions when using an undiluted product:

8.2.1. Appropriate technical management measures

General, local exhaust ventilation, avoid spillage and any contact with this mixture. Avoid spillage, entry into soil and drains.


Appropriate organisational management measures

Keep away from food, drink and animal feedstuff. Avoid contact with skin and eyes. Train personell.

8.2.2. Personal protective equipment

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Eye/face protection:	Safety glasses with side-shields conforming to EN 166.
Hand protection:	Chemical/mixture resistant protective gloves (EN 374). Check permeability and penetration time instructions provided by the glove supplier. A different type of similar protection may be selected in consultation with the glove supplier.
Body protection:	Wear chemical-resistant clothing and shoes.
Respiratory protection:	Respiratory protection in case of vapour/aerosol release: combined filter for gases/ vapours of organic compounds, solid and liquid particles.
Thermal hazards:	See section 5.
8.2.3. Environmental impact control:	Avoid spillage, entry into soil and drains. See section 6.


SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form	Liquid
Colour	Clear, yellowish
Odour	Characteristic
Melting point/freezing point, °C	Not determined
Boiling point or initial boiling point and boiling range, °C	Not determined
Flammability	Not determined
Lower and upper explosion limit, volume %	Not determined
Flash point, °C	Not determined
Auto-ignition temperature, °C	Not determined
Decomposition temperature, °C	Not determined
Kinematic viscosity	Not determined
Solubility	Not determined
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure, kPa	Not determined
Density and/or relative density	Not determined
Relative vapour density	Not determined
Particle characteristics	Not determined

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pH, 100 %, 20-25°C 5,0-5,5
 Density, g/cm³, 20-25°C 1,00 – 1,01

9.2. Other information

Surface tension, mN/m Not determined.

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity** The mixture is not reactive.
- 10.2. Chemical stability** Stable under normal conditions.
- 10.3. Possibility of hazardous reactions** No data.
- 10.4. Conditions to avoid** High temperature and direct sunlight.
- 10.5. Incompatible materials** Strong acids and oxidizing agents.
- 10.6. Hazardous decomposition products** Hazardous reactions do not occur under the normal conditions of use. The products of the reactions depend on the substances/mixtures involved in the chemical reactions.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on hazard classes as defined in Regulation (EC) No. 1272/2008**


Acute toxicity Based on the chemical information, the mixture is not classified.
 Estimated mixture acute toxicity value (ATE), oral, rat: 2500-3000 mg/kg bw.

Acute toxicity of ingredients:

CAS No.	Name	Value			
		Acute toxicity when swallowed:	Rat	LD50	
57635-48-0	(Z)- α -(Carboxymethyl)- ω -(9-octadecenyloxy)-poly(oxy-1,2-ethanediyl)	Acute toxicity when swallowed:	Rat	LD50	> 2000 mg/kg bw
7173-62-8	(Z)-N-9-octadecenylpropane-1,3-diamine	Acute toxicity when swallowed:	Rat	LD50	500 mg/kg bw
69011-36-5	Isotridecanol, ethoxylated	Acute toxicity when swallowed:	Rat	LD50	2000 - 10000 mg/kg bw

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		Acute toxicity through the skin:	Rat	LD50	2 000 mg/kg bw
			Rabbit	LD50	5 960 mg/kg bw
			Rabbit	LD50	7,07 mL/kg bw
64-19-7	Acetic acid	Acute toxicity when swallowed:	Rat	LD50	3 310 mg/kg bw
			Mouse	LD50	4 960 mg/kg bw
		Acute toxicity when inhaled:	Rat	LC50	8,5 – 12,7 mg/L air/4h

Skin corrosion and (or) irritation Classified: Skin corrosion/irritation, Hazard Category 2.

Effects of ingredients on the skin:

CAS No.	Name	Value
57635-48-0	(Z)- α -(Carboxymethyl)- ω -(9-octadecenyloxy)-poly(oxy-1,2-ethanediyl)	Does not irritate the skin (OECD 400 Acute skin irritation/corrosion).
7173-62-8	(Z)-N-9-octadecenylpropane-1,3-diamine	Corrosion effect.
69011-36-5	Isotridecanol, ethoxylated	Corrosive to the skin.
64-19-7	Acetic acid	Corrosive to the skin.


Severe eye damage/irritation Classified: Serious eye damage/eye irritation, Hazard Category 1.

Effects of ingredients on the eyes:

CAS No.	Name	Value
57635-48-0	(Z)- α -(Carboxymethyl)- ω -(9-octadecenyloxy)-poly(oxy-1,2-ethanediyl)	Causes severe eye damage. When the concentration is < 10%, it does not cause eye irritation or severe eye damage.
7173-62-8	(Z)-N-9-octadecenylpropane-1,3-diamine	May cause irreversible eye damage.
69011-36-5	Isotridecanol, ethoxylated	No effect was observed.
64-19-7	Acetic acid	Irritates eyes.

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Respiratory or skin sensitisation Not classified based on existing information.

Respiratory effects of ingredients or skin sensitisation information:

CAS No.	Name	Value
57635-48-0	(Z)- α -(Carboxymethyl)- ω -(9-octadecenyloxy)-poly(oxy-1,2-ethanediyl)	No data.
7173-62-8	(Z)-N-9-octadecenylpropane-1,3-diamine	No data.
69011-36-5	Isotridecanol, ethoxylated	No data.
64-19-7	Acetic acid	No sensitizing effect was observed.

Germ cell mutagenicity Not classified based on existing information.

Mutagenic effects of ingredients on germ cells:

CAS No.	Name	Value
57635-48-0	(Z)- α -(Carboxymethyl)- ω -(9-octadecenyloxy)-poly(oxy-1,2-ethanediyl)	No mutagenic effect was observed.
7173-62-8	(Z)-N-9-octadecenylpropane-1,3-diamine	No mutagenic effect was observed.
69011-36-5	Isotridecanol, ethoxylated	No mutagenic effect was observed.
64-19-7	Acetic acid	No data.


Carcinogenicity Not classified based on existing information.

Carcinogenicity of ingredients:

CAS No.	Name	Value
57635-48-0	(Z)- α -(Carboxymethyl)- ω -(9-octadecenyloxy)-poly(oxy-1,2-ethanediyl)	No known critical hazard or significant effect.

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7173-62-8	(Z)-N-9-octadecenylpropane-1,3-diamine	No data.
69011-36-5	Isotridecanol, ethoxylated	No data.
64-19-7	Acetic acid	There is no carcinogenic effect.

Reproductive toxicity Not classified based on existing information.

Reproductive toxicity of ingredients:

CAS No.	Name	Value
57635-48-0	(Z)- α -(Carboxymethyl)- ω -(9-octadecenyl)-poly(oxy-1,2-ethanediyl)	No known effects or critical hazards.
7173-62-8	(Z)-N-9-octadecenylpropane-1,3-diamine	Effect on fertility (oral): adverse effects were observed (NOAEL : 30mg/kg by weight/day) – chronic, rat. Effect on developmental toxicity (oral): adverse effects were observed (NOAEL 20mg/kg by weight/day) – subacute,rat.
69011-36-5	Isotridecanol, ethoxylated	Effect on fertility (oral): no adverse effects were observed (NOAEL 500mg/kg by weight/day) – subacute, rat. Effect on developmental toxicity (oral): no adverse effects were observed (NOAEL 750mg/kg by weight/day) – subacute,rat.
64-19-7	Acetic acid	Effect on developmental toxicity (oral): no adverse effects were observed (NOAEL 345mg/kg by weight/day) – subacute,mouse.


STOT (single exposure) Not classified based on existing information.

Single exposure of ingredients:

CAS No.	Name	Value
57635-48-0	(Z)- α -(Carboxymethyl)- ω -(9-octadecenyl)-poly(oxy-1,2-ethanediyl)	No data.
7173-62-8	(Z)-N-9-octadecenylpropane-1,3-diamine	The substance is not classified as toxic to specific organs.
69011-36-5	Isotridecanol, ethoxylated	Based on existing information, the substance is not classified as toxic to specific organs under the single exposure.
64-19-7	Acetic acid	No data.

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STOT (repeated exposure) Not classified based on existing information.

Repeated exposure of ingredients:

CAS No.	Name	Value
57635-48-0	(Z)- α -(Carboxymethyl)- ω -(9-octadecenyloxy)-poly(oxy-1,2-ethanediyl)	No data.
7173-62-8	(Z)-N-9-octadecenylpropane-1,3-diamine	Adverse effects observed: NOAEL 400 μ g/kg by weight/day (semi-chronic, rat).
69011-36-5	Isotridecanol, ethoxylated	No adverse effects observed: NOAEL 500mg/kg by weight/day. (semi-chronic, rat).
64-19-7	Acetic acid	NOAEL (rat): 290mg/kg by weight. NOAEL (pig): 450mg/kg by weight/day.

Aspiration hazard Not classified based on existing information.

11.2. Information on other hazards

Other information No data.

SECTION 12: ECOLOGICAL INFORMATION


12.1. Toxicity Based on the chemical information, the mixture is classified: hazardous to the aquatic environment — Chronic Hazard, Category 2;

Acute toxicity of ingredients:

CAS No.	Name	Value		
57635-48-0	Z)- α -(Carboxymethyl)- ω -(9-octadecenyloxy)-poly(oxy-1,2-ethanediyl)	Acute toxicity to fish:	LC50	8,2 mg/l/ 96h
7173-62-8	Z)-N-9-octadecenylpropane-1,3-diamine	Short-term toxicity to fish:	LC50	80 – 148 μ g/L/ 4d.
			LC0	100 μ g/L/4d.
			LC100	220 μ g/L/ 4d.
		Short-term toxicity to aquatic invertebrates:	EC50	290 μ g/L/ 21d.
				6,2 μ g/L/ 48h
		Long-term toxicity to aquatic invertebrates:	NOEC	100 - 1 000 μ g/L/ 21d.
			LOEC	320 μ g/L/ 21d.
EC50	290 μ g/L/ 21d.			
	Toxicity to aquatic algae and	EC50	507 μ g/L/ 72h	

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69011-36-5	Isotridecanol, ethoxylated	cyanobacteria:	EC10	188 µg/L/ 72h
		Toxicity to microorganisms:	EC50	66 mg/L/3h
		Short-term toxicity to fish:	LL50	1,1 – 1,5 mg/L/4d.
		Short-term toxicity to aquatic invertebrates:	EL50	544-640 µg/L/ 48h
		Long-term toxicity to aquatic invertebrates:	NOEC	218 µg/L/ 21d.
64-19-7	Acetic acid	Short-term toxicity to fish:	EC10	278 µg/L/21d.
			LC50	300,82 - 1 000 mg/L/ 4d.
		Short-term toxicity to aquatic invertebrates:	NOEC	300,82 - 1 000 mg/L/4d.
			EC50	300,82 - 1 000 mg/L/48h
			EC50	300,82 - 1 000 mg/L/72h
Toxicity to aquatic algae and cyanobacteria:	NOEC	300,82 - 1 000 mg/L/72h		

12.2. Persistence and degradability Based on existing information it can be said the product is biodegradable.

Degradability of ingredients:

CAS No.	Name	Biodegradability
57635-48-0	Z)- α -(Carboxymethyl)- ω -(9-octadecenyloxy)-poly(oxy-1,2-ethanediyl)	Biodegradable.
7173-62-8	Z)-N-9-octadecenylpropane-1,3-diamine	Biodegradable. 66% after 28 days (Method: OECD Test Guideline 301D). 90% after 60 days. (Method: OECD Test Guideline 303A).
69011-36-5	Isotridecanol, ethoxylated	\geq 90% Bismuth (OECD 301E). > 60% CO ₂ formation compared to the theoretical value (28days) (OECD 301B; ISO 9439; 92/69/EEC)
64-19-7	Acetic acid	

12.3. Bioaccumulative potential Bioaccumulation is not expected.


12.4. Mobility in soil Soluble in water, disperses, neutralizes. Dilute with water or neutralize before releasing into drains or sewers.

12.5. Results of PBT and vPvB assessment Components are not classified as PBT and vPvB substances.

12.6. Endocrine disrupting properties No data.

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12.7. Other adverse effects No data.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal of product Waste is disposed of in accordance with local waste disposal laws. It is forbidden to dispose of waste in the rubbish bin, local and rainwater drainage, surface water bodies, natural environment.

Waste codes: 07 06 wastes from the MFSU of fats, oils, soaps, detergents, disinfectants and cosmetics; 20 municipal wastes (household wastes and similar business, industrial and organizational wastes), including separately collected fractions.

European waste code: 20 01 29 * - detergents containing dangerous substances; Detergents other than those mentioned in 20 01 29.

Disposal of packaging Packaging waste must be managed in accordance with the Packaging and Packaging Waste Management Act. Washed and dried packaging is recommended to pass packaging waste management companies.

Packaging waste codes: 15 01 02 plastic (including PET) packaging; 15 01 10 packaging containing residues/ are contaminated by dangerous substances. It is recommended not to incinerate packaging with product residues.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number or ID number UN 3082


14.2. UN proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

14.3. Transport hazard class(es) 9 miscellaneous dangerous substances and articles

14.4. Packing group	ADN	ADR	RID	IMDG	IATA (cargo)	IATA (passenger)
Packing group	III					
Classification code	M6		-	-	-	-
Hazard type identification number	-		-	-	-	-
Label	-					
Code for restrictions when driving through tunnels	-	3 (-)	-	-	-	-

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Packing instruction (plane)	-	-	-	-	-	-
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14.5. Environmental hazards Danger to the water environment or sewage system.

14.6. Special precautions for user None.

14.7. Maritime transport in bulk according to IMO instruments Not applicable.

SECTION 15: REGULATORY INFORMATION

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

EU regulations:

Regulation (EC) No. 1272/2008 - CLP

Regulation (EC) No. 1907/2006 - REACH

Regulation (EU) No. 2020/878 – amending the Annex II of Regulation (EC) No. 1907/2006

Permits and restrictions (Title VII and Title VIII of Regulation (EC) No. 1907/2006): Not applicable.

European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)

The surfactant(s) in this mixture comply with the biodegradability criteria laid down in Regulation (EC) No. 648/2004 on detergents. The data supporting this claim is available to the competent authorities of the Member States and will be made available to them on direct request or on direct request from the manufacturer.

15.2. Chemical safety assessment The mixture has not been subject to a chemical safety assessment.

SECTION 16: OTHER INFORMATION

The information in this document is based on our best knowledge. However, it does not constitute a guarantee of any specific product features and is not a legally binding contract.

Grounds for revision:

The general design is applied according to -.


In the case of the revision of the safety data sheet, changes compared to the previous version of the safety data sheet: -.

Classification procedure

The classification of a mixture is usually based on calculation methods using data on the substance as required by Regulation (EC) No 1272/2008. Where data is available for a particular classification of a mixture, or where, for example, the principles of association or weight of evidence may be used for classification, this will be indicated in the relevant sections of the Safety Data Sheet.

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List of relevant hazard and/or precautionary statements (referred to in Section 3):

Flam. Liq. 3	Flammable liquids, Hazard Category 3.
Acute Tox. 4	Acute toxicity (oral), Hazard Category 4.
Skin Corr. 1B, 1A	Skin corrosion/irritation, Hazard Sub-Category 1B,1A.
STOT RE 1	Specific target organ toxicity — Repeated exposure, Hazard Category 1.
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1.
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H314	Causes skin irritation.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
Abbreviations and acronyms:	
TPRD	Short-term exposure limit value.
IPRD	Long-term exposure limit value.
NRD	Limit value not to be exceeded.
DNEL	Derrived no-effect level.
PNEC	Predicted no-effect concentrations.
LD50/ LC50	The amount (concentration) of a material, which causes the death of 50% of test animals.
NOEC	No Observed Effect Concentration.
PBT	Persistent, bioaccumulative and toxic chemical substances.
vPvB	Very persistent and very bioaccumulative chemical substances.

End of Safety Data Sheet