

Safety Data Sheet

according to UK REACH Regulation

PU-Schaum-Entferner LORENCIC LO-FOAM-REMOVER 320ml

Revision date: 25.01.2022

Product code: ZKR11LO

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

PU-Schaum-Entferner LORENCIC LO-FOAM-REMOVER 320ml

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

Cleaner

Uses advised against

Any non-intended use.

1.3. Details of the supplier of the safety data sheet

Company name:	Lorencic GmbH Nfg. & Co KG	
Street:	Puchstraße 208	
Place:	A-8055 Graz	
Telephone:	+43 (0) 316 / 47 25 64 32	Telefax: +43 (0) 316 / 47 25 64 78
Responsible Department:	Dr. Gans-Eichler Chemieberatung GmbH Otto-Hahn-Str. 36 D-48161 Münster	e-mail: info@tge-consult.de Tel.: +49(0)2534 6441185 www.tge-consult.de
	Poison Control Centre Vienna: +43 (0) 1 406 43 43	

1.4. Emergency telephone number:**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

Hazard categories:
Aerosol: Aerosol 1
Serious eye damage/eye irritation: Eye Dam. 1
Hazard Statements:
Extremely flammable aerosol.
Pressurised container: May burst if heated.
Causes serious eye damage.

2.2. Label elements**GB CLP Regulation****Hazard components for labelling**

gamma-butyrolactone

Signal word: Danger**Pictograms:****Hazard statements**

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H318	Causes serious eye damage.

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.
The substances in the mixture (>0,1%) do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients
3.2. Mixtures
Chemical characterization

Solvent

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
75-28-5	isobutane			20-<40 %
	200-857-2	601-004-00-0	01-2119485395-27	
	Flam. Gas 1, Liquefied gas; H220 H280			
96-48-0	gamma-butyrolactone			10-<20 %
	202-509-5		01-2119471839-21	
	Acute Tox. 4, Eye Dam. 1, STOT SE 3; H302 H318 H336			
74-98-6	propane			10-<20 %
	200-827-9	601-003-00-5	01-2119486944-21	
	Flam. Gas 1, Compressed gas; H220 H280			
103-09-3	2-ethylhexyl acetate			2,5-<5 %
	203-079-1		01-2119483620-40	
	Skin Irrit. 2; H315			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
75-28-5	200-857-2	isobutane	20-<40 %
		inhalation: LC50 = 520400 (120 min) ppm (gases)	
96-48-0	202-509-5	gamma-butyrolactone	10-<20 %
		inhalation: LC50 = (>5,1) mg/l (dusts or mists); oral: LD50 = 1582 mg/kg	
74-98-6	200-827-9	propane	10-<20 %
		inhalation: LC50 = 800000 (15 min) ppm (gases)	
103-09-3	203-079-1	2-ethylhexyl acetate	2,5-<5 %
		dermal: LD50 = > 17400 mg/kg; oral: LD50 = 5140 mg/kg	

Labelling for contents according to Regulation (EC) No 648/2004

>= 30 % aliphatic hydrocarbons.

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Further Information

Product does not contain listed SVHC substances > 0,1 % according to Regulation (EC) No. 1907/2006 Article 59 (REACH)

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of respiratory tract irritation, consult a physician.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

If swallowed, immediately drink: Water. Never give anything by mouth to an unconscious person or a person with cramps. Do NOT induce vomiting. Caution if victim vomits: Risk of aspiration! Call a physician immediately.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Carbon dioxide (CO₂). Dry extinguishing powder. alcohol resistant foam. Atomized water.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Combustible. Vapours may form explosive mixtures with air. Can be released in case of fire: Carbon dioxide (CO₂). Carbon monoxide

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains. In case of fire and/or explosion do not breathe fumes.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Ventilate affected area. Remove all sources of ignition. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes.

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For non-emergency personnel

Wear personal protection equipment (refer to section 8).

For emergency responders

Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Explosion hazard. Eliminate leaks immediately. Prevent spread over a wide area (e.g. by containment or oil barriers). In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up**For containment**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

For cleaning up

Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Safe handling: see section 7

Disposal: see section 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Use only in well-ventilated areas. Take precautionary measures against static discharges. Do not spray on naked flames or any incandescent material. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches.

Wear suitable protective clothing. (See section 8.)

Advice on protection against fire and explosion

Keep away from sources of ignition. - No smoking. Heating causes rise in pressure with risk of bursting.

Advice on general occupational hygiene

Always close containers tightly after the removal of product.

Do not eat, drink, smoke or sneeze at the workplace.

Wash hands before breaks and after work.

Further information on handling

General protection and hygiene measures: refer to chapter 8

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed in a cool, well-ventilated place. Keep away from sources of ignition. - No smoking. Provide adequate ventilation.

Hints on joint storage

Do not store together with: Explosives. Flammable solids. Pyrophoric liquids and solids. Self-heating substances and mixtures. Substances and mixtures which, in contact with water, emit flammable gases. Oxidizing liquids. Oxidizing solids. Self-reactive substances and mixtures. Organic peroxides. Radioactive substances.

Infectious substances.

Further information on storage conditions

Recommended storage temperature: 10-30°C. Do not store at temperatures over: 50°C

Note: Storage requirements for flammable aerosols.

7.3. Specific end use(s)

See section 1.

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SECTION 8: Exposure controls/personal protection
8.1. Control parameters
DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
96-48-0	gamma-butyrolactone			
Worker DNEL, long-term		inhalation	systemic	130 mg/m ³
Worker DNEL, long-term		dermal	systemic	19 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	28 mg/m ³
Consumer DNEL, long-term		dermal	systemic	8 mg/kg bw/day
103-09-3	2-ethylhexyl acetate			
Worker DNEL, long-term		inhalation	systemic	17 mg/m ³
Worker DNEL, long-term		inhalation	local	71 mg/m ³
Worker DNEL, acute		inhalation	local	71 mg/m ³
Worker DNEL, long-term		dermal	systemic	30 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	3 mg/m ³
Consumer DNEL, long-term		inhalation	local	35,5 mg/m ³
Consumer DNEL, acute		inhalation	local	35,5 mg/m ³
Consumer DNEL, long-term		dermal	systemic	15 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	1,5 mg/kg bw/day

PNEC values

CAS No	Substance	Value
96-48-0	gamma-butyrolactone	
Environmental compartment		
Freshwater		0,056 mg/l
Freshwater (intermittent releases)		0,56 mg/l
Marine water (intermittent releases)		0,56 mg/l
Freshwater sediment		0,24 mg/kg
Marine sediment		0,024 mg/kg
Micro-organisms in sewage treatment plants (STP)		452 mg/l
Soil		0,014683 mg/kg
103-09-3	2-ethylhexyl acetate	
Freshwater		0,008 mg/l
Freshwater (intermittent releases)		0,083 mg/l
Marine water		0,001 mg/l
Freshwater sediment		0,213 mg/kg
Marine sediment		0,021 mg/kg
Micro-organisms in sewage treatment plants (STP)		100 mg/l
Soil		0,038 mg/kg

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

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**Appropriate engineering controls**

Technical measures and the application of suitable work processes have priority over personal protection equipment.

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Wear safety glasses; chemical goggles (if splashing is possible).

Hand protection

In case of prolonged or frequently repeated skin contact: Wear suitable gloves.

Suitable material:

Butyl rubber. (0,5 mm)

Breakthrough time >480 min

penetration time (maximum wearing period): >160 min

The selected protective gloves have to satisfy the specifications of EU Directive EC/2016/425 and the standard EN 374 derived from it.

Check leak tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Skin protection

Protective clothing.

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500 (D).

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Respiratory protection necessary at:

Exceeding exposure limit values

Insufficient ventilation

Suitable respiratory protective equipment: Protective respiration apparatus not using surrounding air (breathing apparatus) (DIN EN 133).

Use only respiratory protection equipment with CE-symbol including four digit test number.

Thermal hazards

No special precautionary measures are necessary.

Environmental exposure controls

Do not allow uncontrolled discharge of product into the environment.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	Aerosol
Colour:	colourless
Odour:	characteristic

Changes in the physical state

Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	propellant: -12 °C
Sublimation point:	not determined
Softening point:	not determined

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Flash point: not determined

Flammability

Gas: not determined

Explosive properties

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

Lower explosion limits: not determined

Upper explosion limits: not determined

Auto-ignition temperature: not determined

Self-ignition temperature

Gas: propellant: 460 °C

Decomposition temperature: not determined

pH-Value: not determined

Viscosity / dynamic: not determined

Viscosity / kinematic: not determined

Flow time: not determined

Water solubility: not determined

Solubility in other solvents

not determined

Vapour pressure:
(at 50 °C) 3000 hPa

Vapour pressure: not determined

Density (at 20 °C): 0,788 g/cm³

Relative vapour density: not determined

Particle characteristics: not determined

9.2. Other information**Information with regard to physical hazard classes**

Sustaining combustion: No data available

Oxidizing properties
none**Other safety characteristics**

Solvent separation test: not determined

Solvent content: not determined

Solid content: not determined

Evaporation rate: not determined

Further Information

V.O.C.: 76,44% w/w

V.O.C. Density (20°C): 602,38 kg/m³ (602,38 g/l)

average carbon number: 2,66

Molecular weight (g/mol): 87,85

SECTION 10: Stability and reactivity**10.1. Reactivity**

No information available.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

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10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.
Refer to chapter 10.5.

10.4. Conditions to avoid

Keep away from heat.
Ignition hazard.
Heating causes rise in pressure with risk of bursting.

10.5. Incompatible materials

Oxidizing agents, strong. Strong acid. Strong alkali.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.
Can be released in case of fire: Carbon dioxide (CO₂). Carbon monoxide

Further information

In use, may form flammable/explosive vapour-air mixture.

SECTION 11: Toxicological information
11.1. Information on hazard classes as defined in GB CLP Regulation
Toxicokinetics, metabolism and distribution

No information available.

Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
75-28-5	isobutane				
	inhalation gas	LC50 520400 (120 min) ppm	Mouse.	ECHA Dossier	
96-48-0	gamma-butyrolactone				
	oral	LD50 1582 mg/kg	Rat	ECHA Dossier	
	inhalation (4 h) aerosol	LC50 (>5,1) mg/l	Rat	ECHA Dossier	
74-98-6	propane				
	inhalation gas	LC50 800000 (15 min) ppm	Rat	ECHA dossier	
103-09-3	2-ethylhexyl acetate				
	oral	LD50 5140 mg/kg	Rat	Z Gesamte Hyg. 15(12): 928-929 (1969)	Study to assess the acute oral toxicity
	dermal	LD50 > 17400 mg/kg	Guinea pig	J. Ind Hyg. Toxicol. 26, 269-273. (1944)	Range finding study for the assessment o

Irritation and corrosivity

Causes serious eye damage.
Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

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In vitro mutagenicity/genotoxicity: No experimental indications of mutagenicity in-vitro exist. Reproductive toxicity: NOAEC = 3000 ppm (OECD Guideline 422) Developmental toxicity/teratogenicity: NOAEC = 9000 ppm (OECD Guideline 422) Literature information: ECHA dossier

propane:

In-vitro mutagenicity: Method: OECD Guideline 471 (Bacterial Reverse Mutation Assay) Result: negative.

Literature information: ECHA Dossier

Reproductive toxicity: Method: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

Species: Rat Exposure duration: 6 w. Results: NOAEC = 12000 ppm. Literature information: ECHA Dossier

Developmental toxicity/teratogenicity: Method: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) Species: Rat Results: NOAEC = 12000 ppm.

Literature information: ECHA Dossier

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.

isobutane:

Method: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test); Result: NOAEC = 4000 ppm; Literature information: ECHA dossier

propane:

Subacute inhalative toxicity: Method: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) Species: Rat Exposure duration: 6 w. Result: NOAEC = 94000 ppm (7214 mg/m³) Literature information: ECHA Dossier

Aspiration hazard

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

Specific effects in experiment on an animal

No information available.

11.2. Information on other hazards
Endocrine disrupting properties

No information available.

SECTION 12: Ecological information
12.1. Toxicity

The product has not been tested.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
75-28-5	isobutane					
	Acute fish toxicity	LC50 mg/l	49,9	96 h	Fish	ECHA Dossier QSAR
	Acute algae toxicity	ErC50 mg/l	19,37	96 h	algae	ECHA Dossier QSAR
	Acute crustacea toxicity	EC50 mg/l	69,43	48 h	Daphnia sp.	ECHA Dossier QSAR
96-48-0	gamma-butyrolactone					
	Acute fish toxicity	LC50	(56) mg/l	96 h	Lepomis macrochirus	ECHA Dossier
	Acute algae toxicity	ErC50	>1000	72 h	Desmodesmus subspicatus	ECHA Dossier

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	Acute crustacea toxicity	EC50 mg/l	>500	48 h	Daphnia magna	ECHA Dossier	
74-98-6	propane						
	Acute fish toxicity	LC50 mg/l	49,9	96 h	Fish	ECHA dossier	QSAR
	Acute algae toxicity	ErC50 mg/l	19,37	96 h	algae	ECHA dossier	QSAR
	Acute crustacea toxicity	EC50 mg/l	69,43	48 h	Daphnia sp.	ECHA dossier	QSAR
103-09-3	2-ethylhexyl acetate						
	Acute fish toxicity	LC50 mg/l	8,27	96 h	Oncorhynchus mykiss	Study report (2002)	OECD Guideline 203
	Acute algae toxicity	ErC50 mg/l	> 21,9	72 h	Pseudokirchneriella subcapitata	Study report (2002)	OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l	22,9	48 h	Daphnia magna	Study report (2002)	OECD Guideline 202

12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name				
	Method	Value	d	Source	
	Evaluation				
96-48-0	gamma-butyrolactone				
	OECD 301C/ ISO 9408/ EEC 92/69/V, C.4-F	77%	14	ECHA Dossier	
	Readily biodegradable (according to OECD criteria).				

12.3. Bioaccumulative potential
Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
75-28-5	isobutane	1,09
96-48-0	gamma-butyrolactone	-0,566
74-98-6	propane	2,36
103-09-3	2-ethylhexyl acetate	4,2

BCF

CAS No	Chemical name	BCF	Species	Source
103-09-3	2-ethylhexyl acetate	57,34	Fish	Calculation (2013)

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture (>0,1%) do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations
13.1. Waste treatment methods
Disposal recommendations

Dispose of waste according to applicable legislation.

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Non-contaminated packages may be recycled.

According to (EWC) European Waste Catalogue, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Control report for waste code/ waste marking according to (EWC) European Waste Catalogue:

List of Wastes Code - residues/unused products

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

List of Wastes Code - used product

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

List of Wastes Code - contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

Contaminated packaging

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
14.4. Packing group: -
Hazard label: 2.1



Classification code: 5F
Special Provisions: 190 327 344 625
Limited quantity: 1 L
Excepted quantity: E0
Transport category: 2
Tunnel restriction code: D

Inland waterways transport (ADN)

14.1. UN number or ID number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
14.4. Packing group: -
Hazard label: 2.1



Classification code: 5F
Special Provisions: 190 327 344 625
Limited quantity: 1 L
Excepted quantity: E0

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Marine transport (IMDG)

14.1. UN number or ID number:	UN 1950
14.2. UN proper shipping name:	AEROSOLS
14.3. Transport hazard class(es):	2.1
14.4. Packing group:	-
Hazard label:	2.1
	
Marine pollutant:	NO
Special Provisions:	63, 190, 277, 327, 344, 381, 959
Limited quantity:	1000 mL
Excepted quantity:	E0
EmS:	F-D, S-U

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:	UN 1950
14.2. UN proper shipping name:	AEROSOLS, FLAMMABLE
14.3. Transport hazard class(es):	2.1
14.4. Packing group:	-
Hazard label:	2.1
	
Special Provisions:	A145 A167 A802
Limited quantity Passenger:	30 kg G
Passenger LQ:	Y203
Excepted quantity:	E0
IATA-packing instructions - Passenger:	203
IATA-max. quantity - Passenger:	75 kg
IATA-packing instructions - Cargo:	203
IATA-max. quantity - Cargo:	150 kg

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

Refer to section 6-8

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 regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 28

2010/75/EU (VOC):	not determined
2004/42/EC (VOC):	not determined
Information according to 2012/18/EU (SEVESO III):	P3a FLAMMABLE AEROSOLS

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Additional information

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Aerosol directive (75/324/EEC)
UK REACH Appendix XVII, No (mixture): 3, 40
The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

isobutane
gamma-butyrolactone
propane

SECTION 16: Other information**Changes**

Rev. 1.0; Initial release 25.01.2022

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
CAS: Chemical Abstracts Service
CLP: Classification, Labelling and Packaging of substances and mixtures
DNEL: Derived No Effect Level
d: day(s)
EINECS: European INventory of Existing Commercial chemical Substances
ELINCS: European List of Notified Chemical Substances
ECHA: European Chemicals Agency
EWC: European Waste Catalogue
IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)
h: hour
LOAEL: Lowest observed adverse effect level
LOAEC: Lowest observed adverse effect concentration
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
NOAEL: No observed adverse effect level
NOAEC: No observed adverse effect concentration
NLP: No-Longer Polymers
N/A: not applicable
OECD: Organisation for Economic Co-operation and Development
PNEC: predicted no effect concentration
PBT: Persistent bioaccumulative toxic
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
REACH: Registration, Evaluation, Authorisation of Chemicals
SVHC: substance of very high concern

Safety Data Sheet

according to UK REACH Regulation

PU-Schaum-Entferner LORENCIC LO-FOAM-REMOVER 320ml

Revision date: 25.01.2022

Product code: ZKR11LO

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TRGS: Technische Regeln für Gefahrstoffe

UN: United Nations

VOC: Volatile Organic Compounds

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Aerosol 1; H222-H229	On basis of test data
Eye Dam. 1; H318	Bridging principle "Aerosols"

Relevant H and EUH statements (number and full text)

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H336	May cause drowsiness or dizziness.

Further Information

Classification according to Regulation (EC) No 1272/2008 [CLP] - Classification procedure:

Health hazards: Calculation method.

Environmental hazards: Calculation method.

Physical hazards: On basis of test data and / or calculated and / or estimated.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)