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Salety uata Sheet

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Keep out of the reach of children. Avoid contact with eyes or damaged skin.

· Information concerning particular hazards for human and environment:

(EU) 2019/904

[·] 2.3 Other hazards

Flammable liquid and vapour.

Causes serious eye irritation.

Results of PBT and vPvB assessment

- **PBT:** Not applicable.
- · vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

- · 3.2 Mixtures
- · Description: Cleaning agent

 Dangerous components: 		
CAS: 64-17-5	ethyl alcohol	20-<30%
EINECS: 200-578-6	Flam. Liq. 2, H225; Eye Irrit. 2, H319	
EC number: 906-170-0	RPDE	3-<10%
Reg.nr.: 01-2119475445-32-xxxx	Aquatic Chronic 3, H412	
CAS: 68439-46-3	alcohols, C9-11, ethoxylated	1-<3%
	Eye Dam. 1, H318; Acute Tox. 4, H302	

• EU SVHC see Section 15

· **GB SVHC** see Section 15

• Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact:
- Generally the product does not irritate the skin.
- Rinse with warm water.

If symptoms persist consult doctor.

- · After eye contact:
 - Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing: Not applicable.
- · Information for doctor: No further relevant information available.
- · 4.2 Most important symptoms and effects, both acute and delayed Irritating to eyes.
- · Hazards No further relevant information available.



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(Contd. of page 2) • 4.3 Indication of any immediate medical attention and special treatment needed No further relevant information available. SECTION 5: Firefighting measures 5.1 Extinguishing media · Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions. CO2, powder or water spray. Fight larger fire with alcohol resistant foam. · 5.2 Special hazards arising from the substance or mixture Flammable liquid and vapour. Formation of toxic gases is possible during heating or in case of fire. 5.3 Advice for firefighters • Protective equipment: Use personal protective equipment as required. Wear fully protective suit. Wear self-contained respiratory protective device. · Additional information Cool endangered receptacles with water spray. **SECTION 6: Accidental release measures** 6.1 Personal precautions, protective equipment and emergency procedures Wear protective clothing. **6.2 Environmental precautions:** Do not allow product to reach sewage system or any water course. • 6.3 Methods and material for containment and cleaning up: Pick up mechanically. • 6.4 Reference to other sections See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information. SECTION 7: Handling and storage 7.1 Precautions for safe handling The usual precautionary measures are to be adhered to when handling chemicals. Do not eat, drink, smoke or sniff while working. Avoid contact with the eyes. · Information about fire - and explosion protection: Flammable liquid and vapour. • 7.2 Conditions for safe storage, including any incompatibilities · Storage: • **Requirements to be met by storerooms and receptacles:** Store only in unopened original receptacles. • Information about storage in one common storage facility: Protect from heat and direct sunlight. · Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles. Store receptacle in a well ventilated area.

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· 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

CAS: 64-17-5 ethyl alcohol

WEL Long-term value: 1920 mg/m³, 1000 ppm

• Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Do not eat, drink, smoke or sniff while working.

Be sure to clean skin thoroughly after work and before breaks.

Avoid contact with the eyes.

- Respiratory protection:
- Use only in well-ventilated areas.

Use suitable respiratory protective device in case of insufficient ventilation.

For further guidance,

please refer to HSE HSG53 "Respiratory Protective Equipment at work - A Practical Guide".

- Hand protection Not required.
- · Material of gloves Not applicable.
- Penetration time of glove material Not applicable.
- · Eye/face protection Safety glasses
- Body protection:



Protective work clothing

SECTION 9: Physical and chemical properties

 9.1 Information on basic physical and chemical properties General Information · Colour: According to product specification · Odour: Characteristic • Melting point/freezing point: Undetermined. · Flash point: Not applicable. · pH 5.5 - 6.5· Solubility · water: Insoluble. · Vapour pressure: Not applicable. (Contd. on page 5)

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Density and/or relative density	
Density:	Not determined.
9.2 Other information	
Appearance:	
Form:	Liquid on inert carrier material
Important information on protection of h	ealth
and environment, and on safety.	
Explosive properties:	Product does not present an explosion hazard.
Solvent content:	
VOC (EU)	-
VOC (EC)	-
Information with regard to physical ha	azard
classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Flammable liquid and vapour.
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flamn	nable
gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

• **10.5 Incompatible materials:** No further relevant information available.

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• **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

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.

· LD/LC50 values relevant for classification:

CAS:	64-17-5	ethyl	alcohol
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Oral LD50 7,060 mg/kg (rat) Inhalative LC50/4 h 20,000 mg/L (rat)

Oral	LD50	>5,000 mg/kg (rat)

Dermal LD50 >2,000 mg/kg (rat)

Inhalative LC50/4 h >11 mg/L (rat)

CAS: 68439-46-3 alcohols, C9-11, ethoxylated

Oral	LD50	1,000-1,400 mg/kg (rat)
Dermal	LD50	>2.000 mg/kg (rabbit)

Skin corrosion/irritation Generally the product does not irritate the skin.

• Serious eye damage/irritation Direct contact may cause temporary redness and discomfort.

- Respiratory or 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.

11.2 Information on other hazards

· Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

· 12.1 Toxicity

•	Aqua	tic to	xici	tv:

CAS: 68439-46-3 alcohols, C9-11, ethoxylated

EC50 5-25 mg/L (daphnia magna)

• 12.2 Persistence and degradability Not easily biodegradable

• **12.3 Bioaccumulative potential** No further relevant information available.

• 12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

• **PBT:** Not applicable.

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vPvB: Not applicable.
 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

· 12.7 Other adverse effects

· Additional ecological information:

· General notes: Avoid transfer into the environment.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

- Recommendation

Smaller quantities can be disposed of with household waste. Avoid release to the environment.

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Caution: flammable vapours may accumulate inside sealed containers.

• European waste catalogue

2008/98/EC (UK WM3) : n/a

15 02 02* absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by hazardous substances

· Uncleaned packaging:

· Recommendation:

Dispose of packaging according to regulations on the disposal of packagings. Non contaminated packagings may be recycled. Non contaminated packagings may be treated like household garbage.

SECTION 14: Transport information	n	
 14.1 UN number or ID number ADR, ADN, IMDG, IATA 	Void	
 14.2 UN proper shipping name 		
ADR	Void	
	Void	
· ADN, IMDG, IATA	Void	
 14.3 Transport hazard class(es) 		
· ADR, ADN, IMDG, IATA		
Class	Void	
· 14.4 Packing group		
· ADR, IMDG, IĂTA	Void	
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 14.5 Environmental hazards: Marine pollutant: 	No	
· 14.6 Special precautions for user	Not applicable.	
 14.7 Maritime transport in bulk according instruments 	y to IMO Not applicable.	
· UN "Model Regulation":	Void	

SECTION 15: Regulatory information

• **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture** REGULATION (EC) No 1223/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 30 November 2009 on cosmetic products

HSE EH40/2005 Workplace Exposure Limits (as amended)

Guidance on the classification and assessment of waste | Technical Guidance WM3 (1st edition 2015) (EU) 2019/904, (EU) 2020/2151

"GB- CLP" UK SI 2019 No. 720 The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019

"UK- REACH" UK SI 2019 No. 758 The UK REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 The Endocrine Disruptor Lists I, II, III (www.edlists.org)

 DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

· REGULATION (EU) 2019/1148

 Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

· National regulations:

• Additional classification according to Decree on Hazardous Materials, Annex II: No further relevant information available.

· Information about limitation of use: No further relevant information available.

• Other regulations, limitations and prohibitive regulations No further relevant information available.

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(Contd. of page 8) • Substances of very high concern (SVHC) according to EU REACH, Article 57 Not applicable. • Substances of very high concern (SVHC) according to UK REACH Not applicable. • 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.
SECTION 16: Other information This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
 Relevant phrases H225 Highly flammable liquid and vapour. H302 Harmful if swallowed. H318 Causes serious eye damage. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
 Department issuing SDS: Prepared and verified in accordance with Annex II, Part A, 0.2.3. of "UK- REACH" UK SI 2019 No. 758 The UK REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 Date of previous version: 08.08.2023 Version number of previous version: 12
 Abbreviations and acronyms: ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic SVHC: Substances of Very High Concern vPvB: very Persistent and very Bioaccumulative Flam. Liq. 2: Flammable liquids – Category 2 Acute Tox. 4: Acute toxicity – Category 4
Eye Dam. 1: Serious eye damage/eye irritation – Category 1 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3 • * Data compared to the previous version altered.