

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Date: 17-June-2025

Section 1: Identification of the Substance/Mixture and of the Company / undertaking

1.1 Product identifier

Commercial Name: ARCTIC MX-Cleaner
UFI: 9600-6055-Y007-5J4M
Part No. / UPC / EAN: ACTCP00033A / 84003340006-0 / 4895213702171

1.2 Relevant identified uses of the substance or mixture and uses advised against

Application of the substance / the mixture: Clean

1.3 Details of the supplier of the safety data sheet

Company:
ARCTIC (HK) Ltd.
Unit 1302-05, The Octagon
No.6 Sha Tsui Road
Tsuen Wan,
New Territories
Hong Kong
Email address: info@arctic.de

1.4 Emergency telephone number

German Tel : +49 531 60945294

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008

The product is not classified according to the CLP regulation.

- Information concerning particular hazards for human and environment:

The product has not to be labelled due to the calculation procedure of Regulation (EC) No. 1272/2008.

- Classification system:

The classification is according to the latest edition of EU Regulation (EC) No. 1272/2008, and extended by company and literature data.

2.2 Label elements

- | | |
|--|----------------|
| - Labelling according to Regulation (EC) No. 1272/2008 | Not applicable |
| - Hazard pictograms | Not applicable |
| - Signal word | Not applicable |
| - Hazard-determining components of labelling: | Not applicable |
| - Hazard statements | Not applicable |
| - Precautionary statements | Not applicable |

2.3 Other hazards

- Results of PBT and vPvB assessment
- **PBT:** Not applicable
- **vPvB:** Not applicable
- Determination of endocrine-disrupting properties Not applicable

Section 3: Composition/Information on Ingredients

3.1 Mixtures hazards

- **Description:**

Mixture of the substances listed below with nonhazardous additions. For the wording of the listed hazard statements refer to section 16.

Name	CAS-No.	EINECS/ ELINCS No	Conc. (% w/w)
Ethanol	64-17-5	200-578-6	75%
Lemon oil	8008-56-8	616-925-3	25%

Section 4: First Aid Measures

4.1 Description of first aid measures

- **General description:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation .
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

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

No further relevant information available.

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

If swallowed or in case of vomiting, danger of entering the lungs.

Section 5: Firefighting Measures

5.1 Extinguishing media

Suitable extinguishing agents: CO₂, powder or water spray.

Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture:

No further relevant information available.

5.3 Advice for firefighters

Protective equipment: No special measures required.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water source.

Inform respective authorities in case of seepage into water course or sewage system.

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

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:

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

For the general occupational hygienic measures refer to Section 8.

• Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

- Requirements to be met by storerooms and receptacles: Store in a cool location.
- Information about storage in one common storage facility:
 - o Store away from foodstuffs.
 - o Store away from water.
- Further information about storage conditions:
 - o Keep container tightly sealed.
 - o Store in cool, dry conditions in well sealed receptacles.

7.3 Specific end use(s):

No further relevant information

Section 8: ; Exposure Controls / Personal Protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:	
CAS: 64-17-5 Ethanol (75%)	
AGW (Germany)	Long-term value: 380 mg/m ³ , 200 ppm 4(II);DFG, Y
VLEP (France)	Short-term value: 9500 mg/m ³ , 5000 ppm Long-term value: 1900 mg/m ³ , 1000 ppm
OEL (Ireland)	Short-term value: 1000 ppm

Regulatory information

AGW (Germany): TRGS 900

VLEP (France): ED 1487 05.2021

OEL (Ireland): 2021 CoP for the Safety, Health and Welfare at Work

DNELs: Not available

PNECs: Not available

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

8.2 Exposure controls

Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.

- **Appropriate engineering controls:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Avoid contact with the skin.
Avoid contact with the eyes and skin.
See Section 7 for information about design of technical facilities.
- **Individual protection measures, such as personal protective equipment**
- **Respiratory protection:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

- **Protective gloves:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

- **Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several

substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye/face protection:** Goggles recommended during refilling
- **Body protection:** Protective work clothing
- **Thermal hazards:** Not required for normal conditions of use.
- **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

○ Physical state:	Liquid
○ Colour:	White
○ Odour:	Lemon
○ Odour threshold:	Not available
○ Melting point/Freezing point:	Not available
○ Boiling point or initial boiling point and boiling range:	Not available
○ Flammability:	Not available
○ Lower and upper explosion limit	
▪ <i>Lower:</i>	Not available
▪ <i>Upper:</i>	Not available
○ Flash point:	Not available
○ Auto-ignition temperature:	Not available
○ Decomposition temperature:	Not available
○ pH:	Not available
○ Viscosity	
▪ <i>Kinematic viscosity:</i>	Not available
▪ <i>Dynamic viscosity:</i>	Not available
○ Solubility	
▪ <i>Water:</i>	Not available
▪ <i>Partition coefficient n-octanol/water (log value):</i>	Not available
▪ <i>Vapour pressure:</i>	Not available
○ Density and/or relative density	
▪ <i>Density:</i>	Not available
▪ <i>Relative density:</i>	Not available
▪ <i>Relative vapour density:</i>	Not available
▪ <i>Particle characteristics:</i>	Not available

9.2 Other information

- **Appearance**

○ Form:

Liquid

9.3 Information with regard to physical hazard classes

- Explosives:	Not applicable
- Flammable gases:	Not applicable
- Aerosols:	Not applicable
- Oxidising gases:	Not applicable
- Gases under pressure:	Not applicable
- Flammable liquids:	Not applicable
- Flammable solids:	Not applicable
- Self-reactive substances and mixtures:	Not applicable
- Pyrophoric liquids:	Not applicable
- Pyrophoric solids:	Not applicable
- Self-heating substances and mixtures:	Not applicable
- Substances and mixtures, which emit flammable gases in contact with water:	Not applicable
- Oxidising liquids:	Not applicable
- Oxidising solids:	Not applicable
- Organic peroxides:	Not applicable
- Corrosive to metals:	Not applicable
- Desensitised explosives:	Not applicable
- Other safety characteristics:	Not available

Section 10: Stability and Reactivity

- 10.1 Reactivity: No further relevant information available
- 10.2 Chemical stability: No further relevant information available
- 10.3 Possibility of hazardous reactions: No dangerous reactions known.
- 10.4 Conditions to avoid: No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- 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

LD/LC50 values relevant for classification:		
CAS: 64-17-5 Ethanol		
Oral	LD50	7,060 mg/kg (rat)
Inhalative	LC50/4 h	20,000 mg/l (rat)

- Skin corrosion/irritation: Causes skin irritation.
- Serious eye damage/irritation: Based on available data, the classification criteria are not met
- Respiratory or skin sensitization: May cause an allergic skin reaction.
- 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.

11.2 Information on other hazards

- Endocrine disrupting properties: None of the ingredients is listed.
- Other information: No further relevant information available

Section 12: Ecological Information

12.1 Toxicity

- Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability:

No further relevant information available.

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
- **vPvB:** Not applicable

12.6 Endocrine disrupting properties:

The product does not contain substances with endocrine disrupting properties

12.7 Other adverse effects:

No further relevant information available.

Section 13: Disposal Considerations

13.1 Other adverse effects:

- **Recommendation:**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

Section 14: Transport Information

- 14.1 UN number or ID number - ADR/RID/ADN, IMDG, IATA	Not applicable
- 14.2 UN proper shipping name - ADR/RID/ADN, IMDG, IATA	Not applicable
- 14.3 Transport hazard class(es) - ADR/RID/ADN, IMDG, IATA - Class Not applicable - Label	Not applicable -
- 14.4 Packing group - ADR/RID/ADN, IMDG, IATA	Not applicable
- 14.5 Environmental hazards: - Marine pollutant:	No
- 14.6 Special precautions for user: - Hazard identification number (Kemler code):	Not applicable -
- 14.7 Maritime transport in bulk according to IMO instruments	Not applicable
- 14.8 Transport/Additional information:	Not applicable
- UN "Model Regulation":	Not applicable

Section 15: Regulatory Information

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

- Directive 2012/18/EU
- Named dangerous substances - ANNEX I None of the ingredients is listed.

-	REGULATION (EU) 2019/1021 on persistent organic pollutants (POP)
	None of the ingredients is listed.

-	Regulation (EU) No 649/2012
	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.

-	REGULATION (EC) No 1005/2009 on substances that deplete the ozone layer – ANNEX I (Ozonedepleting potential)
	None of the ingredients is listed.

Other regulations, limitations and prohibitive regulations

-	SVHC Candidate List of REACH Regulation Annex XIV Authorisation (7/11/2024)
	None of the ingredients is listed.

-	REACH Regulation Annex XVII Restriction (25/9/2023) See Section 16 for information about restriction of use.
	None of the ingredients is listed.

-	REACH Regulation Annex XIV Authorisation List (13/11/2023)
	None of the ingredients is listed.

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

Section 16: Other Information

- Recommended restriction of use Not applicable

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2020/878.

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- 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)
 - **DNEL:** Derived No-Effect Level (REACH)
 - **PNEC:** Predicted No-Effect Concentration (REACH)
 - **LC50:** Lethal concentration, 50 percent
 - **LD50:** Lethal dose, 50 percent
 - **PBT:** Persistent, Bioaccumulative and Toxic
 - **vPvB:** very Persistent and very Bioaccumulative

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