

Trade name: IceCool Coling Spray

Version: 1 / GB

Date revised: 19.10.2022

Substance number: R-15879

Replaces Version: - / GB

Print date: 19.10.2022

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

IceCool Coling Spray

Registration no.

UFI H9YD-31UN-J00A-MAVS

Substance / product identification

PR-No. 15879

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

Use of the substance/preparation

Aerosol

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Albert Kerbl GmbH

Felizenzell 9

84428 Buchbach

Telephone no. +49 8086 933-100

Fax no. +49 8086 933-500

Information provided by / telephone Albert Kerbl GmbH Tel.: 0049-(0)8086-933-104 Email: bm@kerbl.com

E-mail address of person responsible info@kerbl.com

for this SDS

1.4. Emergency telephone number

Joint poison information center for the states of Mecklenburg-Western Pomerania, Saxony, Saxony-Anhalt and Thuringia c/o HELIOS Klinikum Erfurt Nordhäuser Strasse 74

Tel.: (03 61) 73 07 30 - Fax: (03 61) 7 30 73 17

E-Mail: ggiz@ggiz-erfurt.de - Internet: www.ggiz-erfurt.de

For England (NHS 111) call: 111

For Scotland (NHS24) call: 111

For Wales (NHS Direct) call: 111

When it's less urgent than: 999

For Northern Ireland call: GP Out-of-Hours (www.gpoutofhours.hscni.net)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

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

Aerosol 1

H222

H229

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

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Hazard pictograms**Signal word**

Danger

Hazard statements

H222 Extremely flammable aerosol.
 H229 Pressurized container: may burst if heated.

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.
 P211 Do not spray on an open flame or other ignition source.
 P251 Do not pierce or burn, even after use.
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

2.3. Other hazards

No special hazards have to be mentioned.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Further ingredients****Butane**

CAS No. 106-97-8
 EINECS no. 203-448-7
 Registration no. 01-2119474691-32
 Concentration >= 50 %
 Advice: [3]
 Classification (Regulation (EC) No. 1272/2008)
 Flam. Gas 1 H220
 Press. Gas H280

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note C, U
 DSD Directive 67/548/EEC, Annex I, Note C

Propane

CAS No. 74-98-6
 EINECS no. 200-827-9
 Registration no. 01-2119486944-21
 Concentration >= 25 < 50 %
 Advice: [3]
 Classification (Regulation (EC) No. 1272/2008)
 Flam. Gas 1 H220
 Press. Gas H280

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note U

Isobutane

CAS No. 75-28-5

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EINECS no.	200-857-2				
Concentration	>=	1	<	10	%
Advice: [3]					
Classification (Regulation (EC) No. 1272/2008)					
	Flam. Gas 1			H220	
	Press. Gas			H280	

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note C, U

DSD Directive 67/548/EEC, Annex I, Note C

Note

[3] Substance with occupational exposure limits

Other information

Complete text of hazard statements in chapter 16

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

In case of persistent symptoms consult doctor.

After inhalation

Ensure supply of fresh air. In case of persistent symptoms consult doctor.

After skin contact

Take off contaminated clothing immediately. Wash off immediately with soap and water. In case of persistent symptoms consult doctor.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Remove contact lenses. Continue rinsing. In case of persistent symptoms consult doctor.

After ingestion

Ingestion is not considered a potential route of exposure.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

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

May cause slight irritation to skin and eyes.

4.3. Indication of any immediate medical attention and special treatment needed**Hints for the physician / treatment**

Treat symptomatically.

Hints for the physician / hazards

No further relevant information available.

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

Dry powder, Carbon dioxide, Sand, Foam, Water mist

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

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Flammable aerosol. CAUTION: Aerosol cans can explode. dense black smoke; In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂)

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Do not inhale explosion and/or combustion gases. Use self-contained breathing apparatus. (EN133)

Other information

Cool endangered containers with water spray jet. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away sources of ignition. Ensure adequate ventilation. Use personal protective clothing.

6.2. Environmental precautions

Avoid unnecessary emission.

6.3. Methods and material for containment and cleaning up

Ensure sufficient ventilation.

6.4. Reference to other sections

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary). Provide suitable exhaust ventilation at processing machines. Keep container tightly closed. Do not eat, drink or smoke when using. Protect from heat and direct sunlight. Do not pierce or burn, even after use.

Advice on protection against fire and explosion

Keep away from sources of heat and ignition. No smoking. Take action to prevent static discharges. Avoid impact and friction. Use only explosion-proof equipment. Keep away from combustible material. Wear shoes with conductive soles.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value \geq 10 $<$ 50 °C

Requirements for storage rooms and vessels

Store in cool, well ventilated area. The official regulations for the storage of pressurised gas packages must be observed. Keep container tightly closed. Protect from heat. Protect against direct sunlight.

Hints on storage assembly

Do not store with strong oxidizing agents.

Storage classes

Storage class according to TRGS 510 2B Aerosol dispensers

Further information on storage conditions

Keep container tightly closed. Keep container in a well-ventilated place. Keep in a cool place

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

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There are not known any further control parameters.

8.2. Exposure controls

General protective and hygiene measures

Do not smoke during work time. Do not inhale gases/vapours/aerosols. Do not eat or drink during work time. Storage of foodstuffs in work rooms is forbidden. Take off immediately all contaminated clothing. Wash hands before breaks and after work. Suitable technical control equipment: Ensure good ventilation of the workplace.

Respiratory protection

If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection

Gloves

Use chemical-resistant gloves! Suitable for short-term use: 1,4mm Latex or 0,85mm Nitrile (Recommended: Kerbl Fletex (Latex), or Kerbl Chemex (Nitrile))

Hand protection must comply with EN 374.

Eye protection

Safety glasses with side protection shield; Eye protection must comply with EN 166.

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Aerosol
Colour	colourless
Odour	odourless
Melting point	
Remarks	not determined
Freezing point	
Remarks	not determined
Boiling point or initial boiling point and boiling range	
Remarks	not determined
Flammability	
	not determined
Upper and lower explosive limits	
Remarks	not determined
Flash point	
Remarks	Not applicable
Ignition temperature	
Remarks	not determined
Decomposition temperature	
Remarks	not determined
pH value	
Remarks	not determined
Viscosity	
Remarks	not determined
Solubility(ies)	
Remarks	not determined

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Partition coefficient n-octanol/water (log value)

Remarks not determined

Vapour pressure

Remarks not determined

Density and/or relative density

Remarks not determined

Relative vapour density

Remarks not determined

9.2. Other information**Odour threshold**

Remarks not determined

Evaporation rate (ether = 1) :

Remarks not determined

Solubility in water

Remarks not determined

Explosive properties

evaluation not determined

Oxidising properties

Remarks not determined

Other information

None known

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

Heating can cause fire or explosion. Container is under pressure: may burst when heated.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions when stored and handled according to instructions.

10.4. Conditions to avoid

Sun exposure, high temperatures, ignition sources.

10.5. Incompatible materials

Strong oxidising agents

10.6. Hazardous decomposition products

No data available.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

Remarks not determined

Acute dermal toxicity

Remarks not determined

Acute inhalational toxicity

Remarks not determined

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Acute inhalative toxicity (Components)**Butane**

Species	mouse		
LC50	1237		mg/l

Propane

Species	mouse		
LC50	1237		mg/l

Skin corrosion/irritation

Remarks	Skin contact: May cause slight irritation.
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Serious eye damage/irritation

Remarks	Slight irritation of the eyes cannot be excluded due to the product composition.
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Sensitization

Remarks	Based on available data, the classification criteria are not met.
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Subacute, subchronic, chronic toxicity

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

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

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

Remarks	Based on available data, the classification criteria are not met.
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Specific Target Organ Toxicity (STOT)

Remarks	Exposure may cause coughing or wheezing.
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11.2 Information on other hazards**Endocrine disrupting properties with respect to humans**

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

Other information

There is no data available on the product apart from the information given in this subsection.

SECTION 12: Ecological information**12.1. Toxicity****General information**

not determined

Fish toxicity (Components)**Butane**

Species	Fish		
LC50	49,9		mg/l
Duration of exposure	96	h	

Propane

Species	Fish		
LC50	49,9		mg/l
Duration of exposure	96	h	

Algae toxicity (Components)**Butane**

Species	Algae
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ErC50	19,37		mg/l
Duration of exposure	96	h	

Propane

Species	Algae		
ErC50	19,37		mg/l
Duration of exposure	96	h	

12.2. Persistence and degradability**General information**

not determined

Biodegradability (Components)**Butane**

Value	100		%
Duration of test	385,5	h	
Method	Biodegradation test, predates, OECD test		

Propane

Value	100		%
Duration of test	385,5	h	
Method	Biodegradation test, predates, OECD test		

Isobutane

Value	100		%
Duration of test	385,5	h	
Method	Biodegradation test, predates, OECD test		

12.3. Bioaccumulative potential**General information**

not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

12.4. Mobility in soil**General information**

not determined

12.5. Results of PBT and vPvB assessment**General information**

not determined

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects**General information**

not determined

General information / ecology

Do not discharge product unmonitored into the environment.

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

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Disposal recommendations for the product




EWC waste code 16 05 05 gases in pressure containers other than those mentioned in 16 05 04

Allocation of a waste code number, according to the European Waste Catalogue (EWC), should be carried out in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	D		
14.1. UN number	1950	1950	1950
14.2. UN proper shipping name	AEROSOLS	AEROSOLS	Aerosols, flammable
14.3. Transport hazard class(es)	2	2.1	2.1
Label			
Limited Quantity	11		
Transport category	2		
14.5. Environmental hazards	-		-

Information for all modes of transport

14.6. Special precautions for user
none

Other information

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****VOC**

VOC (CH) 100 %

15.2. Chemical safety assessment

For this preparation a chemical safety assessment has not been carried out.

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SECTION 16: Other information

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.