

Material Safety Data Sheet (MSDS)

According to (EC) No.1907/2006 and amendment (EU) 2015/830

Report No.: DGC190626015LE02A

Date: Jul. 02, 2019

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Product Name: Gel Refrigerant

MSDS

According to

(EC) No.1907/2006 and amendment (EU) 2015/830

Applicant: DongGuan Cool Ant Technology CO.,Ltd

Address: No. 9, Lane 1, Xincun, Xiashou Xiping,
Nancheng District, Dongguan City

Product Name: Gel Refrigerant

Issue date: Jul. 02, 2019

Edited by: NTEK Testing Technology Co., Ltd.

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Section 1 - Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: Gel Refrigerant

Model: LD10-B6

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

Identified uses: For household use

Uses advised against: No information available.

1.3 Details of the supplier of the material safety data sheet

Supplier: DongGuan Cool Ant Technology CO.,Ltd

Address: No. 9, Lane 1, Xincun, Xiashou Xiping, Nancheng District, Dongguan City

1.4 Emergency telephone number: /

Section 2 - Hazards identification

2.1 Classification of the substance or mixture

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

The product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC [DSD] or Directive 1999/45/EC [DPD]

The product is not classified according to the DSD and DPD directive.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

The product is not classified and labelled according to the CLP regulation.

Hazard pictogram(s): N/A

Signal word: N/A

Hazard statement(s): N/A

Precautionary statements: N/A

2.3 Other hazards:

Dangerous: Non-dangerous goods

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Section 3 – Composition/Information on Ingredient

3.1 Chemical characterization: Mixtures

Description:

Product: consisting of the following components.

Chemical Name	CAS No.	EC No.	Concentration
Aqua	7732-18-5	231-791-2	80.0~99.5%
Carboxy1 Methy1 Cellulose	9004-32-4	618-378-6	0.5~20%

Section 4 - First Aid Measures

4.1 Description of first aid measures

General information:

In all cases of doubt, seek medical attention.

Following inhalation:

In general, no harm. If you feel unwell, remove to fresh air and keep at rest in a position comfortable for breathing.

Following skin contact:

In general, no harm. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Following eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Following ingestion:

Call a POISON Center or doctor/physician if you feel unwell. Rinse mouth.

Information for doctor:

No information available.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

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4.3 Indication of any immediate medical attention and special treatment needed

No information available.

Section 5 – Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: Use dry chemical, carbon dioxide, alcohol resistant foam or water spray.

Unsuitable extinguishing agents: No information available.

5.2 Special hazards arising from the substance or mixture

No information available.

5.3 Advice for firefighters

Fire-fighters should wear appropriate breathing apparatus and protective equipment. Prevent fire-fighting water from entering surface water or groundwater.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as required.

6.2 Environmental precautions

Avoid release to the environment. Avoid discharge into drains, surface water or groundwater.

6.3 Methods and material for containment and cleaning up

Avoid release to the environment. Avoid discharge into drains, surface water or groundwater.

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.

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Section 7 - Handling and Storage

7.1 Handling

Use personal protective equipment as required. Do not get in eyes, on skin, or on clothing. Use this material with adequate ventilation. Keep away from heat, sparks, open flame, and hot surfaces - No smoking.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated place and avoid direct sunlight.

7.3 Specific end use(s) No information available.

Section 8 - Exposure controls/personal protection

Exposure controls

Appropriate engineering controls: Provide local exhaust or process enclosure ventilation system.

Respiratory protection: Wear respiratory protection.

Skin protection: Wear protective gloves.

Eye and face protection: Wear protective eye/face protection.

Body protection: Wear protective clothing to prevent contact.

Environmental exposure controls: Avoid release to the environment. Avoid discharge into drains, surface water or groundwater.

Other protection: In the workplace non-smoking or eating. After work, take a bath. Separate storage of contaminated clothing, washed standby. Attention to personal hygiene.

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Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical State:	Colloid
Colour:	Transparent
Odour:	Without odour
pH Value:	6.5 ~ 8.5
Vapor Pressure:	Not applicable
Melting point:	-1°C
Boiling point:	99~101°C
Specific gravity:	0.98~1.15
Viscosity:	Not applicable
Dynamic:	1000~12000 mPas
Vapor Density (Air = 1):	Not applicable
Decomposition Temperature:	Not applicable
Evaporation rate (butyl acetate = 1):	Not applicable
Natural temperature:	Not applicable
Density (water = 1):	Not applicable
Flash Point:	Not applicable
Solubility in water:	Soluble in water

Other information:

9.2 Additional information: No data available.

Section 10 - Stability and Reactivity

10.1 Reactivity

Stable under recommended storage and handling conditions.

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10.2 Chemical stability

Stable under normal conditions of use, storage and transport.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

Avoid flames, sparks, and other sources of ignition.

10.5 Incompatible materials

Strong acid, strong alkali, strong oxidizing materials.

10.6 Hazardous decomposition products

No information available.

Section 11 - Toxicological Information

Acute toxicity: No information available.

Skin corrosion/irritation: No information available.

Serious eye damage/irritation: No information available.

Respiratory or skin sensitization: No sensitizing effects known.

Toxicokinetics, metabolism and distribution: No information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction): No information available.

Section 12 - Ecological Information

12.1 Toxicity

Acquatic 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.

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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 Other adverse effects

No information available.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Dispose in accordance with all applicable regional and local laws and regulations.

Section 14 - Transport Information

14.1 UN-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

Not applicable

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of

Marpol and the IBC Code

Not applicable

UN "Model Regulation":

Not applicable

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Section 15 - Regulatory Information

No information available.

Section 16 - Additional Information

Reference: N/A

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