

Chemical Safety Data Sheet

Section 1 IDENTIFICATION

GHS Product identifier: Cleaning agent**Other means of identification:** /**Recommended use of the chemical and restrictions on use:****Supplier's details:****Emergency phone number:** /

Section 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture:

Aerosols Category 2

Carcinogenicity Category 2

GHS Label elements, including precautionary statements:

Symbol:



Signal word: Warning

Hazard statement(s): Flammable aerosol. Pressurized container: may burst if heated. Suspected of causing cancer.

Precautionary statement(s):

Prevention:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Obtain, read and follow all safety instructions before use. Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

Response:

If exposed or concerned, Get medical advice.

Storage:

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up.

Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards which do not result in classification: /

Section 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration
Dimethoxymethane	109-87-5	65%
Dimethyl ether	115-10-6	35%

Section 4 FIRST AID MEASURES

Description of necessary first aid measures

If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact: Remove contaminated clothing and wash off with plenty of running water.

In case of eye contact: Rinse thoroughly with plenty of running water for at least 15 minutes and consult a physician.

If ingestion: Rinse mouth with water.

Most important symptoms/effects, acute and delayed: /

Indication of immediate medical attention and special treatment needed, if necessary: /

Section 5 FIREFIGHTING MEASURES

Suitable extinguishing media: Use water spray, dry powder, foam, etc.

Special hazards arising from the chemical: It can spray flammable gas and the container can burst when it is heated.

Special protective actions for fire-fighters: Firefighters must wear air breathing apparatus, fire-fighting suits and protective gloves to extinguish in the upwind direction. Whenever possible, remove the container from the fire to open space and use spray water to cool unopened containers.

Section 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: It is recommended that emergency personnel wear protective masks and fire protective overalls. Do not touch the spill directly.

Environmental precautions: Isolate contaminated areas and restrict access.

Methods and materials for containment and cleaning up: Ensure adequate ventilation in leak area.

Section 7 HANDLING AND STORAGE

Precautions for safe handling: There should be sufficient local exhaust in workplace. Operators should be trained and strictly follow the operating procedures. Operators are advised to wear normal protective clothing. Operators should load and unload lightly during handling to prevent damage to the package. There should be leakage treatment equipment in workplace.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry, well-ventilated warehouse. Keep away from fire and heat. Protect from direct sunlight. It should be stored separately from flammable materials, etc.

Section 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:

Source	Material	TWA	STEL
China Occupational Exposure Limits for Hazardous Agents in the Workplace	Dichloromethane	200 mg/m ³	/

Appropriate engineering controls: Close strictly and provide sufficient local exhaust.

Individual protection measures

Eye/face protection: Wear a protective mask.

Skin protection: Wear normal protective clothing.**Respiratory protection:** Air respirators should be worn during emergency rescue or evacuation.**Thermal hazards:** /

Section 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state	An iron can contains a mixture of high-pressure gas and liquid.
Colour	/
Odour	/
Melting point/freezing point	/
Boiling point or initial boiling point and boiling range	/
Flammability	Flammable aerosol.
Lower and upper explosion limit/flammability limit	/
Flash point	/
Auto-ignition temperature	/
Decomposition temperature	/
pH	/
Kinematic viscosity	/
Solubility	/
Partition coefficient: n-octanol/water (log value)	/
Vapour pressure	/
Density and/or relative density	/
Relative vapour density	/
Particle characteristics	/

Section 10 STABILITY AND REACTIVITY

Reactivity: /**Chemical stability:** The material is stable in normal temperature.**Possibility of hazardous reactions:** /**Conditions to avoid:** Spark, high temperature and static electricity.**Incompatible materials:** Flammable materials.**Hazardous decomposition products:** Oxycarbides and chlorides.

Section 11 TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure: Ingestion (swallowing), skin/eye exposure and inhalation.**Symptoms related to the physical, chemical and toxicological characteristics:** /**Acute health effects:**

Ingestion can cause symptoms such as nausea, etc.

Skin contact can cause redness and irritation.

Inhalation can cause cough and throat irritation.

Eyes contact can cause redness and irritation.

Chronic health effects: /**Numerical measures of toxicity (such as acute toxicity estimates):** /

Section 12 ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial, where available):

Dichloromethane:

Endpoint	Test Duration (hr)	Species	Value
LC50	96	Fish	13.1mg/L
EC50	48	Crustacea	1-682mg/L
EC50	72	Algae or other aquatic plants	242mg/L
NOEC	48	Crustacea	68mg/L

Dimethyl ether:

Endpoint	Test Duration (hr)	Species	Value
LC50	96	Fish	1-783.04mg/L
EC50	48	Crustacea	>4400.0mg/L
EC50	96	Algae or other aquatic plants	154.917mg/L
NOEC	48	Crustacea	>4000mg/L

Persistence and degradability: Low (Dichloromethane)/Low (Dimethyl ether).**Bioaccumulative potential:** Low (Dichloromethane)/Low (Dimethyl ether).**Mobility in soil:** Low (Dichloromethane)/High (Dimethyl ether).**Other adverse effects:** /

Section 13 DISPOSAL CONSIDERATIONS

Disposal methods: Dispose this product by safe burial. Damaged containers are prohibited from being reused and should be buried in the prescribed place.

Section 14 TRANSPORT INFORMATION

UN number: 1950.**UN proper shipping name:** AEROSOLS.**Transport hazard class(es):** 2.1.**Packing group, if applicable:** /**Environmental hazards:** /**Special precautions for user:** /**Transport in bulk according to IMO instruments:** /

Section 15 REGULATORY INFORMATION

Regulations: This safety data sheet is in compliance with the following national standards: GB/T 16483-2008, GB 13690-2009, GB 18218-2018, GB 15258-2009, GB 6944-2012, GB 190-2009, GB/T 191-2008, GB 12268-2012, GB/T 15098-2008, GBZ 2.1-2019, GBZ 2.2-2007 as well as the following regulations: Railway Dangerous Goods Transport Administrative Regulation, Dangerous Chemicals Safety Administrative Regulation.

Section 16 OTHER INFORMATION

References	UN Recommendations on the Transport of Dangerous Goods Model
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	Regulations UN Globally Harmonized System of Classification and Labelling of Chemicals
Form Date	03-Dec-2020

Note 1: When products contain two or more hazardous substances, Safety Data Sheets should be prepared based on the risk of the mixture.

Note 2: Manufacturer/supplier should ensure the correctness of the information contained in the safety data sheets, and updated in a timely manner.

Note 3: As a result of product features without the existence of certain information or no data available (such as boiling point does not exist for the solid) in the table with "/" logo.