

MATERIAL SAFETY DATA SHEET

Product Name: Dichloromethane

CAS No.: 75-09-2

Version: 01

1. Identification

Product Code : 90017,90784,90721,90389,90711,90151,90768,98107
Company Name : Advent Chembio Private Limited
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Company Phone Number : 022-27690837

2. Hazards Identification

Hazard classification

Skin irritation : Category 2
 Eye irritation : Category 2
 Carcinogenicity : Category 2
 Specific target organ toxicity - single exposure : Category 3
 Specific target organ toxicity - repeated exposure, Oral : Category 2
 Specific target organ toxicity - repeated exposure, Inhalation : Category 2

Labels elements

Hazard symbol



Signal word

Hazard statement

: Warning
 : Causes skin irritation.
 Causes serious eye irritation.
 May cause respiratory irritation.
 May cause drowsiness or dizziness.
 Suspected of causing cancer.
 May cause damage to organs (Liver, Blood) through prolonged or repeated exposure if swallowed.
 May cause damage to organs (Central nervous system) through prolonged or repeated exposure if inhaled.
Precautionary statement : Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
 Wear protective gloves/ protective clothing/ eye protection/ face

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

Supplemental Hazard Statements : None

3. Composition/information on ingredients

Ingredient : Methylene chloride
DCM
CAS No. : 75-09-2
Percent : Min 99.0%
Formula : CH₂Cl₂
Molecular Weight : 84.93 g/mol

4. First Aid Measures**Description of first aid measures**

General advice : Consult a physician. Show this safety data sheet to the doctor in attendance.

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

Skin contact : Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

Eye contact : Flush eyes with water as a precaution.

Swallowed : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed : The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

Indication of any immediate medical attention and special treatment needed : No data available
Treatment

5. Fire fighting measures

Extinguishing media
Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or

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Special hazards arising from the substance or mixture : carbon dioxide.
Carbon oxides, Hydrogen chloride gas

Advice for firefighters : Wear self contained breathing apparatus for firefighting if necessary.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions : Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up : Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

7. Handling and storage

Precautions for safe handling : Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Conditions for safe storage, including any incompatibilities : Store at room temperature below 30°C in original packing, keep container tightly closed away from source of ignition, handle at inert atmosphere.
Containers which are opened must be carefully resealed and kept upright to prevent leakage. Heat sensitive.

8. Exposure Controls / Personal Protection

Exposure limit : No data available

Appropriate engineering controls : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Respiratory protection : Air-purifying respirators

Hand protection : Handle with gloves

Eye protection : Face shield and safety glasses

Skin and Body Protection : Complete suit protecting against chemicals

9. Physical and Chemical Properties

Appearance : A clear, colourless liquid.

Odor : No data available

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pH	: No data available
Melting point/freezing point	: -97 °C
Initial boiling point and boiling range	: 39.8 - 40 °C
Flash Point	: No data available
Vapor pressure	: 470.9 hPa at 20.0 °C
Vapor density	: 2.93 - (Air = 1.0)
Relative density	: 1.325 g/mL at 25 °C
Solubility in water	: slightly soluble
Solubility (other)	: No data available

10. Stability and Reactivity

Reactivity	: No data available
Chemical stability	: Stable under recommended storage conditions.
Possibility of hazardous reactions	: No data available
Conditions to avoid	: Heat, flames and sparks. Exposure to sunlight.
Incompatible materials	: Alkali metals, Aluminum, Strong oxidizing agents, Bases, Amines, Magnesium, Strong acids and strong bases, Vinyl compounds
Hazardous decomposition products	: Hazardous decomposition products formed under fire conditions. - Carbon oxides, Hydrogen chloride gas

11. Toxicological Information**Information on toxicological effects**

Acute toxicity	: No data available
Skin corrosion/irritation	: No data available
Serious eye damage/eye irritation	: No data available
Respiratory or skin sensitization	: No data available
Germ cell mutagenicity	: No data available
Carcinogenicity	
IARC	: No data available
NTP	: No data available
OSHA	: No data available
Reproductive toxicity	: No data available
Route of Exposure	: No data available
Signs and Symptoms of Exposure	: No data available

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Toxicity : No data available
Persistence and degradability : No data available
Bioaccumulative potential : No data available
Mobility in soil : No data available.
Other adverse effects : No data available.

13. Disposal consideration

Disposal instructions : Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging : Dispose of as unused product.

14. Transport Information

	UN No.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant
DOT	1593	DICHLOROMETHANE	6.1	III	NO
IMDG	1593	DICHLOROMETHANE	6.1	III	NO
IATA	1593	DICHLOROMETHANE	6.1	III	NO

15. Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture
No Data Available.

16. Other Information**Issue Date :**01/01/2020**Version : 01**

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