

MATERIAL SAFETY DATA SHEET

Product Name: DIMETHYL SULPHIDE

CAS No.: 75-18-3

Version: 01

1. Identification

Product Code : 93053,98259
Company Name : Advent Chembio Private Limited
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2. Hazards Identification**Hazard classification**

Flammable liquids : Category 2

Eye irritation : Category 2

Labels elements

Hazard symbol

**Signal word** : Danger**Hazard statement** : Highly flammable liquid and vapour.
Causes serious eye irritation.**Precautionary statement** : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Avoid release to the environment.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
In case of fire: Use dry powder or dry sand to extinguish.**3. Composition/information on ingredients**

Ingredient : Methyl sulfide
DMS
CAS No. : 75-18-3
Percent : NLT 99.0%
Formula : (CH₃)₂S

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- General advice** : Consult a physician. Show this safety data sheet to the doctor in attendance.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- Skin contact** : Remove/Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
- 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.
- Swallowed** : Get medical advice/attention if you feel unwell. Rinse mouth.
- 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 Treatment** : No data available

5. Fire fighting measures**Extinguishing media**

- Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Special hazards arising from the substance or mixture** : Carbon oxides, Sulphur oxides
- 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. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
- Environmental precautions** : Do not let product enter drains.

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Methods and materials for containment and cleaning up : Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

7. Handling and storage

Precautions for safe handling : Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

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. Handle and store under inert gas. Refrigerate before opening. Handle and open container with care. hygroscopic

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 : Dust respirator. Follow local and national regulations
Hand protection : Protective gloves.
Eye protection : Safety glasses. A face-shield, if the situation requires.
Skin and Body Protection : Protective clothing. Protective boots, if the situation requires.

9. Physical and Chemical Properties

Appearance : Clear colorless liquid
Odor : No data available
pH : No data available
Melting point/freezing point : -98 °C - lit.
Initial boiling point and boiling range : 38°C
Flash Point : -36 °C - closed cup
Vapor pressure : No data available
Vapor density : 2.1
Relative density : 0.846 g/cm³ at 25 °C
Solubility in water : No data available
Solubility (other) : No data available

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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.
Incompatible materials	:	Strong oxidizing agents
Hazardous decomposition products	:	Hazardous decomposition products formed under fire conditions. - Carbon oxides, Sulphur oxides

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

12. Ecological Information

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.

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- 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	1164	DIMETHYL SULPHIDE	3	II	NO
IMDG	1164	DIMETHYL SULPHIDE	3	II	NO
IATA	1164	DIMETHYL SULPHIDE	3	II	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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