

Section 1: Identification

Common Name/Trade Name	DIMETHYL SULFONE MSM	
Supplier Information	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	IN CASE OF EMERGENCY: Chemtrec 1 (800) 424-9300 (24 hours) NSW Poisons Information Centre: 131 126 (24 hours)
Distributor Name	Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: bellacorp@bellacorp.com.au	
Product Synonym(s)	Methyl Sulfonyl Methane (MSM), Dimethyl Sulfone	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Not a hazardous substance or mixture.
Signal Word	None
Hazard Statement(s)	N/A
Pictogram(s)	N/A
Precautionary Statement(s)	N/A
Hazards Not Otherwise Classified	No data available
Ingredient(s) with Unknown Toxicity	No data available

Section 3: Composition/Information on Ingredients

Chemical Name	N/A
Common Name	Dimethyl sulfone
CAS Number	67-71-0
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	No data available
If Inhaled	Provide fresh air.
In Case of Skin Contact	Wash the skin with soap and water until no evidence of the chemical remains.
In Case of Eye Contact	Flush the contaminated eyes with a gentle stream of water or saline until no evidence of the chemical remains. Get medical attention immediately.
If Swallowed	If vomiting occurs, keep head lower than hips to prevent aspiration. Get medical attention if needed.
Most Important Symptoms and Effects	No data available.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Carbon dioxide, regular dry chemical, regular foam, water.
Special Hazards Arising From the Substance/Mixture	Flash Point (and method used): 135°C (275°F). Unusual Fire and Explosion Hazards: Slight fire hazard. Dust/air mixtures may ignite or explode.
Special PPE and/or Precautions for Firefighters	Wear SSCBA & protective clothing. Wear full-face piece operated in the positive pressure demand mode with appropriate turnout gear and chemical resistant personal protective equipment.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Avoid dust formation. Avoid breathing vapors, mist or gas. Gloves, Rubber or plastic. Chemical safety glasses. Respirators for levels above TLV/TWA use approved particulate/organic respirator. Sufficient ventilation should be provided to keep air contamination below permissible exposure limits.
Methods and Materials Used for Containment	Sweep up or vacuum and place in an appropriate container for disposal.
Cleanup Procedures	Sweep up or vacuum and place in an appropriate container for disposal.

Section 7: Handling and Storage

Precautions for Safe Handling	Precautions to be Taken for Storage and handling: Excessive heats, sparks or open flame.
Conditions for Safe Storage	Keep container tightly closed in a dry and well-ventilated place.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	No data available.
Appropriate Engineering Controls	General industrial hygiene practice.
PPE - Eye/Face Protection	Chemical safety glasses.
PPE - Skin Protection	Handle with gloves. Rubber or plastic gloves.
PPE - Body Protection	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
PPE - Respiratory Protection	Respirators: For levels above TLV/TWA use approved particulate/organic respirator. Sufficient ventilation should be provided to keep air contamination below permissible exposure limits.

Section 9: Physical and Chemical Properties

Appearance	White Granular, Flakes or Droplets
Upper/Lower Flammability or Explosive Limits	No data available
Odor	No data available
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	No data available
Relative Density	No data available
Melting Point/Freezing Point	Freezing/Melting point/range: 226 – 234°F (108 – 112°C)
Solubility	Soluble in water.
Initial Boiling Point and Boiling Range	238°C
Flash Point	No data available
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Partition Coefficient	No data available
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	No data available
Chemical Stability	Stable at normal temperatures and pressures.
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	Excessive heats, sparks or open flames.
Incompatible Materials	Oxidizing materials
Hazardous Decomposition Products	Will not polymerize.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 Oral - rat - 17,000 mg/kg
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	No data available
Acute Toxicity - Eye	No data available
Skin Corrosion/Irritation	No data available
Serious Eye Damage/Irritation	No data available
Respiratory or Skin Sensitization	No data available
Germ Cell Mutagenicity	No data available
Carcinogenicity IARC	No data available
Carcinogenicity ACGIH	No data available
Carcinogenicity NTP	No data available
Carcinogenicity OSHA	No data available
Reproductive Toxicity	No data available
Specific Target Organ Toxicity - Single Exposure	No data available
Specific Target Organ Toxicity - Repeated Exposure	No data available
Aspiration Hazard	No data available

Section 12: Ecological Information

Toxicity	No data available
Persistence and Degradability	No data available
Bio-accumulative Potential	No data available
Mobility in Soil	No data available
Other Adverse Effects	No data available

Section 13: Disposal Considerations

Waste Treatment Methods Product	Place in closed containers. Dispose of products in accordance with local, state and federal regulations. Keep out of water supplies and sewers.
Waste Treatment Methods Packaging	No data available
Special Precautions Landfill or Incinerations	No data available
Other Information	No data available

Section 14: Transport Information

UN Number	Not dangerous goods.
UN Proper Shipping Name	N/A
Transport Hazard Class(es)	N/A
Packaging Group	N/A
Environmental Hazards	N/A

Section 15: Regulatory Information

No data available

Section 16: Other Information

Additional Information	N/A
Prepared By	Scarlotte Smith
Revision Date	02/14/2023 15:57

Disclaimer

Letco Medical, LLC believes that the above information is correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. If the product is used as a component in another product, this information may not be applicable. NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE INFORMATION PROVIDED ABOVE. Letco Medical shall not be held liable for any loss or damage

resulting from handling, storage, use or from contact with the above product.