

Section 1: Identification

Common Name/Trade Name	S-ADENOSYL-L-METHIONINE DISULFATE TOSYLATE USP	
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)
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)	N/A	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Not classified.
Signal Word	None
Hazard Statement(s)	N/A
Pictogram(s)	N/A
Precautionary Statement(s)	N/A
Hazards Not Otherwise Classified	N/A
Ingredient(s) with Unknown Toxicity	N/A

Section 3: Composition/Information on Ingredients

Chemical Name	S-Adenosyl-L-methionine Disulfate Tosylate
Common Name	S-Adenosyl-L-methionine Disulfate Tosylate
CAS Number	97540-22-2
Impurities and/or Stabilizing Additives	N/A

Section 4: First Aid Measures

General Advice	In all cases of doubt, or when symptoms persist, seek medical attention.
If Inhaled	If breathed in, move person into fresh air. If not breathing give artificial respiration.
In Case of Skin Contact	Wash off with soap and plenty of water.
In Case of Eye Contact	Immediately irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain immediate medical attention.
If Swallowed	Flush eyes with water as a precaution.
Most Important Symptoms and Effects	May cause an allergic skin reaction. If skin irritation or rash occurs, get medical advice/attention.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Use extinguishing agents appropriate for surrounding fire.
Special Hazards Arising From the Substance/Mixture	In case of fire, the following can be released: carbon oxides, nitrogen oxides, Sulphur oxides.
Special PPE and/or Precautions for Firefighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	For non-emergency personnel: Provide adequate ventilation. Avoid inhalation of dust. Avoid skin and eye contact. Refer to section 8 of SDS for personal protection details. For emergency responders: Wear an appropriate NIOSH/MSHA approved respirator if dust is generated.
Methods and Materials Used for Containment	Do not allow material to be released to the environment without proper governmental permits.

Cleanup Procedures	Collect spillages by mechanical means. Transfer to a container for disposal or recovery. Ensure suitable personal protection during removal of spillages.
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Section 7: Handling and Storage

Precautions for Safe Handling	Control dust formation. (See Firefighting measures) Avoid contact with skin and eyes. Avoid inhalation of high concentrations of dusts. Atmospheric concentrations should be minimized and kept as low as reasonably practicable. Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.
Conditions for Safe Storage	Keep away from oxidizing agents, acids, alkalis, moisture, heat, chlorinated compounds, direct sunlight and nitro sating agents for e.g. Nitrites, nitrates and nitrogen oxides. Incompatible with acids Suitable containers: High density polyethylene (HDPE) laminated paper bags with polyliner inside. Storage Temperature: This material is extremely easy to absorb moisture, keep container tightly closed, protect from light. Recommended Storage Temperature: 2-8°C. Relative humidity 30%; Once open packing, please use all material one time at short time. Do not store near Insoluble Sulphur. Slowly degrades and releases irritating vapors under warm/humid conditions.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Not available.
Appropriate Engineering Controls	Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Avoid discharge into the environment. According to local regulations, Federal and official regulations.
PPE - Eye/Face Protection	Wear suitable eye/face protection.
PPE - Skin Protection	Wear suitable gloves.
PPE - Body Protection	Wear suitable protective clothes. Thermal hazards: Wear suitable protective clothing to prevent heat.
PPE - Respiratory Protection	Wear suitable respiratory protective equipment if exposures to high levels of dust are likely.

Section 9: Physical and Chemical Properties

Appearance	White crystalline powder.
Upper/Lower Flammability or Explosive Limits	Not available
Odor	Odorless
Vapor Pressure	Not available
Odor Threshold	Not available
Vapor Density	Not available
pH	Not available
Relative Density	Not available
Melting Point/Freezing Point	Not available
Solubility	Not available
Initial Boiling Point and Boiling Range	Not available
Flash Point	Not available
Evaporation Rate	Not available
Flammability (Solid, Gas)	Not available
Partition Coefficient	Not available
Auto-Ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available

Section 10: Stability and Reactivity

Reactivity	The substance is stable under normal storage and handling conditions.
Chemical Stability	Stable at room temperature in closed containers under normal storage and handling conditions.
Possibility of Hazardous Reactions	No dangerous reactions known.
Conditions to Avoid	Incompatible materials. Dust explosion risk.
Incompatible Materials	Oxidizing agents, alkalis, acids, chlorinated compounds and nitro sating agents for e.g. Nitrites, nitrates and nitrogen oxides.
Hazardous Decomposition Products	Combustion or thermal decomposition will evolve very toxic, irritant and extremely flammable vapors. Combustion products carbon monoxide, carbon dioxide, nitrogen oxides and sulphur oxides. Thermal decomposition will release tertiary butyl amine.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	Not available
Acute Toxicity - Inhalation	Not available
Acute Toxicity - Dermal	Not available
Acute Toxicity - Eye	Not classified
Skin Corrosion/Irritation	Not classified
Serious Eye Damage/Irritation	Not classified
Respiratory or Skin Sensitization	Not classified
Germ Cell Mutagenicity	Not classified
Carcinogenicity IARC	Not classified
Carcinogenicity ACGIH	Not classified
Carcinogenicity NTP	Not classified
Carcinogenicity OSHA	Not classified
Reproductive Toxicity	Not classified
Specific Target Organ Toxicity - Single Exposure	Not classified
Specific Target Organ Toxicity - Repeated Exposure	Not classified
Aspiration Hazard	Not available

Section 12: Ecological Information

Toxicity	LC50 96h Fish OECD 203. EC50 48h Daphnia OECD 202. EC50 72h Algae OECD 201.
Persistence and Degradability	Not available
Bio-accumulative Potential	Not available
Mobility in Soil	Not available
Other Adverse Effects	Not available

Section 13: Disposal Considerations

Waste Treatment Methods Product	The material should be disposed of by incineration in a chemical incinerator in compliance with national and regional requirements.
Waste Treatment Methods Packaging	Not available
Special Precautions Landfill or Incinerations	Not available
Other Information	Not 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

Relevant information regarding authorization: Not applicable. Relevant information regarding restriction: Not applicable. Other EU regulations: Employment restrictions concerning young person must be observed. For use only by technically qualified individuals. Other National regulations: Not applicable. Chemical safety assessment has not been carried out.

Section 16: Other Information

Additional Information	N/A
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