

Section 1: Identification

Common Name/Trade Name	MAGNESIUM STEARATE	
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)	Magnesium salts of commercial stearic acid.	
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	No data available
Ingredient(s) with Unknown Toxicity	No data available

Section 3: Composition/Information on Ingredients

Chemical Name	Magnesium salts of commercial stearic acid	
Common Name	Magnesium Stearate	
CAS Number	557-04-0	
Additional Ingredient Information	EINECS No. 209-150-3, EINECS name: Octadecanoic acid, magnesium salt, CAS 557-04-0. EINECS No. 292-967-2, EINECS name: Fatty acids, C16-18, magnesium salts, CAS 91031-63-9	
Material	Percent	CAS
Magnesium Stearate (Octadecanoic acid, magnesium salt)	94.5 min	557-04-0
Free Fatty Acids (Fatty acids, C16-18, magnesium salts)	1.5 max	57-11-4
Water	4.0 max	N/A
Impurities and/or Stabilizing Additives	No data available	

Section 4: First Aid Measures

General Advice	No data available.
If Inhaled	If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. If breathing is difficult, oxygen should be administered by qualified personnel. Get immediate medical attention.
In Case of Skin Contact	Wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention, if needed. Thoroughly clean and dry contaminated clothing and shoes before reuse.
In Case of Eye Contact	Flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.
If Swallowed	If a large amount is swallowed, get medical attention.
Most Important Symptoms and Effects	No data available.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Regular dry chemical, carbon dioxide, water, regular foam. Use regular foam or flood with fine water spray. Move container from fire area if it can be done without risk. Do not scatter spilled material with high-pressure water streams. Dike for later disposal. Use extinguishing agents appropriate for the surrounding fire. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.
Special Hazards Arising From the Substance/Mixture	Slight fire hazard. Powder/air mixture may ignite or explode in the presence of ignition sources.
Special PPE and/or Precautions for Firefighters	Respiratory protective device, protective clothing.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Avoid dust formation, do not smoke.
Methods and Materials Used for Containment	Keep away from drains and ground water and soil.
Cleanup Procedures	Sweep up spilled substance. Store in a closed container.

Section 7: Handling and Storage

Precautions for Safe Handling	Avoid dust formation and ignition sources.
Conditions for Safe Storage	Store in a cool, dry area at room temperature.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	No data available.
Appropriate Engineering Controls	General sanitary measures: While working, do not eat, drink or smoke, wash hands with soap and water before breaks. Shower or bathe at the end of the workday. Keep work clothes separate.
PPE - Eye/Face Protection	Safety goggles.
PPE - Skin Protection	Gloves.
PPE - Body Protection	Lightweight protective clothing. Use antistatic shoes.
PPE - Respiratory Protection	Respirator for inert particles.

Section 9: Physical and Chemical Properties

Appearance	Solid, powder. White
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Slightly fatty
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	20°C, solution in water. 7 - 9
Relative Density	70°C: 1095 g/cc
Melting Point/Freezing Point	130-145°C
Solubility	Insoluble in water.
Initial Boiling Point and Boiling Range	No data available
Flash Point	190°C approx. (C.O.C. method)
Evaporation Rate	No data available
Flammability (Solid, Gas)	(limits in air) 15 g/m ³ for particles < 74
Partition Coefficient	No data available
Auto-Ignition Temperature	410°C
Decomposition Temperature	> 200°C
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	Stable at room temperature.
Chemical Stability	No data available.
Possibility of Hazardous Reactions	No data available.
Conditions to Avoid	Heat, flames, sparks and other sources of ignition
Incompatible Materials	Alkalizes, oxidizers
Hazardous Decomposition Products	Hazardous/thermal decomposition products: magnesium oxide and carbon monoxide.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 Oral Rat >10 g/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	Waste from residues/unused products: can be land-filled in accordance with local and national regulations.
Waste Treatment Methods Packaging	Contaminated packaging: in accordance with local and national regulations.
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

According to our data the product is not harmful within the meaning of the following directives: Council Directive 88/379/EEC of 7 June 1988 and Commission Directive 90/492/EEC of 5 September 1990 on dangerous preparations. Inventory Status: On TSCA Inventory June 2010 TSCA Inventory. On DSL: Supplement to Canada Gazette, Part I, January 26 1991. On REACH: Commission Regulation (EC) No 987/2008 of 8 October 2008, amending Regulation (EC) No 1907/2006 as regards Annex IV and V. As all substances which are in the closed list of Annex V, entry 9, benefit from the exemption of registration. On EINECS: Annex to Official Journal of the European Communities, 15 June 1990; EINCSC Corrections (English), March 1997. On ENCS: Unlisted chemical name. For ENCS chemical class or category name, refer to ENCS No. 2-611. On AICS: Australian Inventory of Chemical Substances, June 1996 Ed. On ECL: Korean Existing Chemicals List, January 1997. On SWISS: Giftliste 1 (List of Toxic Substances 1), 31 May 1999. On PICCS: Philippines Inventory of Chemicals and Chemical Substances, 2000. On ASIA-PAC-, On NZlo C: New Zealand Inventory of Chemicals 2006. On IECSC 2010: Inventory of Existing Chemical Substances in China. German Water hazard class (WGK): ID-Number: 3161, State of classification: Annex 3, Classification under hazard to water: nwg.

Section 16: Other Information

Additional Information	HMIS-- Hazard Material Information System (USA): Health 0, Fire hazard: 1, Reactivity 0, Personal Protection E.
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