

## Section 1: Identification

<b>Common Name/Trade Name</b>	MAGNESIUM SULFATE HEPTAHYDRATE	
<b>Supplier Information</b>	Letco Medical, LLC 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	<b>IN CASE OF EMERGENCY:</b> Chemtrec 1 (800) 424-9300 (24 hours) NSW Poisons Information Centre: 131 126 (24 hours)
<b>Distributor Name</b>	Bella Corp Trading Pty Ltd 6/34 Dominions Road, Ashmore QLD 4214, Australia Telephone: 07 5597 4169 Email: <a href="mailto:bellacorp@bellacorp.com.au">bellacorp@bellacorp.com.au</a>	
<b>Product Synonym(s)</b>	Epsom salt, Magnesium Sulfate	
<b>Relevant Use(s) of Product</b>	Manufacture or Compounding of Substances	

## Section 2: Hazards Identification

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

## Section 3: Composition/Information on Ingredients

<b>Chemical Name</b>	N/A
<b>Common Name</b>	Magnesium sulfate heptahydrate
<b>CAS Number</b>	10034-99-8
<b>Impurities and/or Stabilizing Additives</b>	No data available

## Section 4: First Aid Measures

<b>General Advice</b>	Not available
<b>If Inhaled</b>	Remove patient from exposure, keep warm and at rest. If symptoms develop, obtain medical attention.
<b>In Case of Skin Contact</b>	If irritation (redness, rash, blistering) develops, get medical attention.
<b>In Case of Eye Contact</b>	If substance has got into the eyes, immediately wash out with plenty of water for at least 15 minutes. If symptoms persist, obtain medical attention.
<b>If Swallowed</b>	Do not induce vomiting. Wash out mouth with water. If large amount swallowed or symptoms develop obtain medical attention.
<b>Most Important Symptoms and Effects</b>	May cause mild eye irritation

## Section 5: Fire Fighting Measures

<b>Suitable Extinguishing Media</b>	Compatible with all standard firefighting techniques.
<b>Special Hazards Arising From the Substance/Mixture</b>	Inorganic powder or granules. Non-combustible.
<b>Special PPE and/or Precautions for Firefighters</b>	Goggles. A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

## Section 6: Accidental Release Measures

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	Goggles. An approved dust mask should be worn if dust is generated during handling.
<b>Methods and Materials Used for Containment</b>	Sinks and mixes with water.
<b>Cleanup Procedures</b>	Caution - spillages may be slippery. Contain spillages. Dampening with water can reduce dust. Sweep or preferably vacuum up and collect in suitable containers for recovery or disposal. Observe Local Regulations.

## Section 7: Handling and Storage

<b>Precautions for Safe Handling</b>	Avoid generation of dust. Wear protective equipment to comply with good occupational hygiene practice. Do not eat, drink or smoke at the workplace.
<b>Conditions for Safe Storage</b>	Keep container tightly closed and dry. Protect from extremes of temperature and humidity. Store bags flat until use.

## Section 8: Exposure Controls/Personal Protection

<b>Components with Workplace Control Parameters</b>	UK EH40: Dust Total inhalable: WEL 10mg/m <sup>3</sup> 8h TWA. Respirable: WEL 4mg/m <sup>3</sup> 8h TWA. ACGIH: Particulates not otherwise classified Inhalable TLV 10mg/m <sup>3</sup> 8h TWA. Respirable: TLV 3mg/m <sup>3</sup> 8h TWA. OSHA: Inert or Nuisance Dust Total dust: PEL 15mg/m <sup>3</sup> 8h TWA. Respirable fraction: PEL 5mg/m <sup>3</sup> 8h TWA.
<b>Appropriate Engineering Controls</b>	Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions.
<b>PPE - Eye/Face Protection</b>	Safety spectacles. Goggles.
<b>PPE - Skin Protection</b>	Wear suitable protective clothing and gloves. If abrasion or irritation occurs.
<b>PPE - Body Protection</b>	Wear suitable protective clothing and gloves. If abrasion or irritation occurs.
<b>PPE - Respiratory Protection</b>	Avoid inhalation of dusts. Wear suitable respiratory protective equipment if working in confined spaces with inadequate ventilation or where there is any risk of the exposure limits being exceeded. Advice on respiratory protective equipment is given in the HSE (Health and Safety Executive) publication HS(G)53.

## Section 9: Physical and Chemical Properties

<b>Appearance</b>	Powder. White.
<b>Upper/Lower Flammability or Explosive Limits</b>	No data available
<b>Odor</b>	Odourless.
<b>Vapor Pressure</b>	< 0.133 hPa (< 0.100 mmHg) at 20°C (68°F)
<b>Odor Threshold</b>	No data available
<b>Vapor Density</b>	No data available
<b>pH</b>	6 - 7 at 5% w/w in water.
<b>Relative Density</b>	1.67 g/cm <sup>3</sup>
<b>Melting Point/Freezing Point</b>	> 1000
<b>Solubility</b>	Solubility (Water) 71 g/100 ml at 20°C, 91 g/100 ml at 40°C
<b>Initial Boiling Point and Boiling Range</b>	Not applicable
<b>Flash Point</b>	Not applicable
<b>Evaporation Rate</b>	Not applicable
<b>Flammability (Solid, Gas)</b>	Not applicable
<b>Partition Coefficient</b>	Not applicable
<b>Auto-Ignition Temperature</b>	Not applicable
<b>Decomposition Temperature</b>	Not applicable
<b>Viscosity</b>	Not applicable

## Section 10: Stability and Reactivity

<b>Reactivity</b>	Stable under normal temperature conditions and recommended use.
<b>Chemical Stability</b>	Stable
<b>Possibility of Hazardous Reactions</b>	None known.
<b>Conditions to Avoid</b>	Not available.
<b>Incompatible Materials</b>	Metal hydrides and other water reactive materials.
<b>Hazardous Decomposition Products</b>	At very high temperatures, magnesium oxide, sulfur dioxide, and sulfur trioxide may be generated.

## Section 11: Toxicological Information

<b>Acute Toxicity - LD50 Oral</b>	RTECS reports Oral TDLo= 428 mg/kg in man 351 mg/kg in women
<b>Acute Toxicity - Inhalation</b>	Dust may cause irritation
<b>Acute Toxicity - Dermal</b>	Dust may have a drying effect on the skin.
<b>Acute Toxicity - Eye</b>	Dust may cause discomfort and mild irritation.
<b>Skin Corrosion/Irritation</b>	Dust may cause irritation
<b>Serious Eye Damage/Irritation</b>	No data available
<b>Respiratory or Skin Sensitization</b>	Not classified
<b>Germ Cell Mutagenicity</b>	Not classified
<b>Carcinogenicity IARC</b>	Components are not listed by IARC, NTP or OSHA as carcinogens.
<b>Carcinogenicity ACGIH</b>	Components are not listed by IARC, NTP or OSHA as carcinogens.
<b>Carcinogenicity NTP</b>	Components are not listed by IARC, NTP or OSHA as carcinogens.
<b>Carcinogenicity OSHA</b>	Components are not listed by IARC, NTP or OSHA as carcinogens.
<b>Reproductive Toxicity</b>	Not classified
<b>Specific Target Organ Toxicity - Single Exposure</b>	Not classified
<b>Specific Target Organ Toxicity - Repeated Exposure</b>	Not classified
<b>Aspiration Hazard</b>	No data available

## Section 12: Ecological Information

<b>Toxicity</b>	Not available.
<b>Persistence and Degradability</b>	Not available.
<b>Bio-accumulative Potential</b>	No data available
<b>Mobility in Soil</b>	Sinks in water
<b>Other Adverse Effects</b>	Not available

## Section 13: Disposal Considerations

<b>Waste Treatment Methods Product</b>	This product does not exhibit any characteristics of a hazardous waste. The product is suitable for landfill disposal. Follow all applicable federal, state and local regulations for safe disposal.
<b>Waste Treatment Methods Packaging</b>	Do not reuse container.
<b>Special Precautions Landfill or Incinerations</b>	The product is suitable for landfill disposal. Follow all applicable federal, state and local regulations for safe disposal.
<b>Other Information</b>	No data available

## Section 14: Transport Information

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

## Section 15: Regulatory Information

International Inventories: TSCA: Complies DSL/NDSL: Complies EINECS/ELINCS: Does not comply ENCS: Complies IECSC: Complies KECL: Does not comply PICCS: Complies AICS: Complies SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations Part 372. Sara 311/312 Hazard Categories: Acute health hazard: No, Chronic Health Hazard: No, Fire hazard: No, Sudden release of pressure hazard: No, Reactive Hazard: No. CWA (Clean Water Act): This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42). CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material. California Proposition 65: This product does not contain any Proposition 65 chemicals. U.S. Right-to-Know Regulations: None. U.S. EPA Label Information: EPA Pesticide Registration Number: Not Applicable.

## Section 16: Other Information

<b>Additional Information</b>	NFPA: Health hazards: 1, Flammability 0, Instability 0, Physical and Chemical Properties -. HMIS: Health hazards 1, Flammability 0, Physical hazards 0, Personal protection X.
<b>Prepared By</b>	Scarlotte Smith
<b>Revision Date</b>	03/29/2021 09:20

### 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.