

Section 1: Identification

Common Name/Trade Name	MAGNESIUM OXIDE HEAVY POWDER	
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 Oxide	
Relevant Use(s) of Product	Manufacture or Compounding of Substances	

Section 2: Hazards Identification

Classification of Substance or Mixture	Skin corrosion/irritation (Category 3), Serious eye damage/eye irritation (Category 2B)	
Signal Word	Warning	
Hazard Statement(s)	H316 H320	Causes mild skin irritation Causes eye irritation
Pictogram(s)	N/A	
Precautionary Statement(s)	P264 P305+P351+P338 P332+P313 P337+P313	Wash hands thoroughly after handling. IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. continue rinsing. If skin irritation occurs Get medical advice/attention. If eye irritation persists Get medical advice/attention.
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	Magnesium Oxide
CAS Number	1309-48-4
Additional Ingredient Information	Chemical Formula: MgO. Synonyms: Magnesia; Magnesium Monoxide; Calcined Magnesia
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	No data available.
If Inhaled	Gargle. Remove from exposure area to fresh air immediately. Perform artificial respiration if necessary. Keep person warm and at rest. Treat symptomatically and supportively. Get medical attention immediately.
In Case of Skin Contact	Remove contaminated clothing and shoes immediately. Wash with large amounts of water until no evidence of chemical remains (at least 15-20 minutes).
In Case of Eye Contact	Wash eyes immediately with large amounts of water, occasionally lifting upper and lower lids, until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately.
If Swallowed	If vomiting occurs, keep head lower than hips to prevent aspiration. Treat symptomatically and supportively. Get medical attention if needed.
Most Important Symptoms and Effects	No data available.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	No acute hazard (Inflammable). Move container from fire to avoid from fire spread, because it has an unpleasant smell of packaging. And it may occur produce carbon monoxide, according to condition. Avoid breathing vapors or dusts; keep upwind.
Special Hazards Arising From the Substance/Mixture	May occur produce carbon monoxide, according to condition.
Special PPE and/or Precautions for Firefighters	Wear self-contained breathing apparatus for firefighting if necessary.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Wear dust mask, rubber glove, apron, and boot, etc. when working.
Methods and Materials Used for Containment	Ventilate enough until processing ends for the room. Sweep, collect and dispose the dust. Watering is effective. If diluted with water, do the dissolution neutralizing with acid when draining it because alkalinity is shown.
Cleanup Procedures	Ventilate enough until processing ends for the room. Sweep, collect and dispose the dust. Watering is effective. If diluted with water, do the dissolution neutralizing with acid when draining it because alkalinity is shown.

Section 7: Handling and Storage

Precautions for Safe Handling	Set up local exhaust ventilation and collection dust equipment or handle in the place where ventilation is good. Set up equipment to wash eyes and wash the body near the handling place in the emergency. Prevent dust from dispersing when working. Work from the windward about work in outdoor. Wash your hand and face, etc. well after handling.
Conditions for Safe Storage	Avoid water and moisture, and keep it in the indoor warehouse. Seal up remainder after package is opened.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Exposure Control: 3 mg/m3 (inhalable dust), 10 mg/m3 (total dust) ACGIH (2004) TWA.
Appropriate Engineering Controls	Provide local exhaust ventilation system to meet published exposure limits.
PPE - Eye/Face Protection	Employee must wear splash-proof or dust-resistant safety goggles to prevent eye contact with this substance.
PPE - Skin Protection	Employee must wear appropriate protective gloves to prevent contact with this substance.
PPE - Body Protection	Employee must wear appropriate protective (impervious) clothing and equipment to prevent repeated or prolonged skin contact with this substance.
PPE - Respiratory Protection	Employee must wear appropriate dust-respirator to prevent inhale with this substance.

Section 9: Physical and Chemical Properties

Appearance	Fine powder. White.
Upper/Lower Flammability or Explosive Limits	No data available
Odor	None
Vapor Pressure	No data available
Odor Threshold	No data available
Vapor Density	No data available
pH	about 10.4 (4% slurry)
Relative Density	No data available
Melting Point/Freezing Point	2800°C
Solubility	0.0006% (water)
Initial Boiling Point and Boiling Range	3600°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	There is a hygroscopicity (water permeability). It changes to Magnesium hydroxide. Carbon dioxide and moisture in the air are absorbed and it changes to magnesium carbonate.
Possibility of Hazardous Reactions	Will not occur.
Conditions to Avoid	No data available.
Incompatible Materials	No data available.
Hazardous Decomposition Products	No data available.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	Oral LD50 over 5000mg/kg (female mouse)
Acute Toxicity - Inhalation	No data available
Acute Toxicity - Dermal	May cause irritation, if contact at long time. Causes mild skin irritation "Classification 3"
Acute Toxicity - Eye	May cause irritation. Causes eye irritation "Classification 2B"
Skin Corrosion/Irritation	No data available
Serious Eye Damage/Irritation	No data available
Respiratory or Skin Sensitization	No data available
Germ Cell Mutagenicity	Negative
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	Observe all federal, state and local regulations when disposing of this substance.
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

Chemical Inventory Status: TSCA-Y, EU (EINECS)-Y, Japan (ENCS)-Y, Australia (AICS)-Y, Korea (ECL)-Y, Canada (DSL)-Y, Canada (NDSL)-N, Philippine (PICCS)-Y

Section 16: Other Information

Additional Information	N/A
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Revision Date	02/02/2021 13:18

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