

**Safety Data Sheet**

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Section 1: Identification

Product Name Magnesium Carbonate USP Heavy Powder
Commercial Name Not available.
Product Use Not available
Restrictions On Use Not available

Product Code 30-1304

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: N/A

CFR 1910.1200

Signal Word NON-HAZARDOUS

Hazard Statement(s) N/A

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Not available
Response Not available
Storage Not available
Disposal Not available

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Magnesium Carbonate USP Heavy Powder
% By Weight 100
CAS# 23389-33-5
Molecular Weight 485 g/mole
Chemical Formula $4\text{MgCO}_3 \cdot \text{Mg}(\text{OH})_2 \cdot 5\text{H}_2\text{O}$
Synonym(s) Carbonic Acid, Magnesium salt (1:1), mixture with Magnesium Hydroxide, hydrate; Magnesium Carbonate Hydroxide

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Magnesium Carbonate USP Heavy Powder	23389-33-5	100	N/A	N/A

Section 4: First-Aid Measures

Inhalation 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.

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).

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.

Ingestion If vomiting occurs, keep head lower than hips to help prevent aspiration. Treat symptomatically and supportively. Get medical attention if needed.

Symptoms/Effects

Acute Not available

Delayed Not available

Immediate Medical Attention

Not available.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Not available.

Unsuitable Extinguishing Media

Not applicable.

Products of Combustion

Not available.

Firefighters Special Equipment and Precautions

No acute hazard (Non-flammable). Move container from fire 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.

Section 6: Accidental Release Measures

POINT TO NOTICE FOR PUBLIC HEALTH Ventilate it enough until processing ends for the room. **PROTECTION MEASURES**

Sweep, collect and dispose the dust. Wear the dust mask, the rubber glove, the apron, and the boot, etc. when working.

Watering is effective. **POINT TO NOTICE FOR ENVIRONMENT** Note that dust doesn't disperse. **REMOVING METHOD** If it diluted with water, do the dissolution neutralizing with the acid when you draining it because alkalinity is shown.

Section 7: Handling and Storage

HANDLING Set up the local exhaust ventilation and the collection dust equipment or do handling in the place where ventilation is good. Set up the equipment to wash eyes and to 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 the hand and face, etc. well after handling.

STORAGE Avoid the water and moisture, and keep it in the indoor warehouse. Seal up the remainder after a package is opened to the plastic bag.

Section 8: Exposure Controls/Personal Protection

Exposure Limits 3 mg/m³(inhalable dust), 10 mg/m³(total dust) ACGIH(2004) TWA

Engineering Controls Provide local exhaust ventilation system to meet published exposure limits.

Personal Protection

- RESPIRATOR Employee must wear appropriate dust-respirator to prevent inhale with this substance.
- HAND Employee must wear appropriate protective gloves to prevent contact with this substance.
- EYE Employee must wear splash-proof or dust-resistant safety goggles to prevent eye contact with this substance.
- SKIN AND BODY Employee must wear appropriate protective (impervious) clothing and equipment to prevent repeated or prolonged skin contact with this substance.

Section 9: Physical and Chemical Properties

Appearance	Fine powder. White.		
Odor	None		
Odor Threshold	Not available		
Melting Point	2800 C(as Magnesium Oxide)	pH	about 10.4 (4% slurry)
Freezing Point	Not available	Vapor Pressure	Not available.
Boiling Point/Range	3600 C(as Magnesium Oxide)	Vapor Density	Not available.
Decomposition temperature	Not available	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available	Evaporation Rate	Not available.
Flash Point	Not applicable.	Autoignition temperature	Not available
Flammability	Not available	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	0.025% (water)		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available
Chemical Stability	There is decompose to "Magnesium Oxide", "Carbon dioxide" and "Water", if ignited. There is a hygroscopicity.
Hazardous Polymerization	Will not occur.
Conditions to Avoid	Not available
Incompatible Materials	Not available
Hazardous Decomposition Products	Not available

Section 11: Toxicological Information

RTECS Not available.

Acute Toxicity

Oral LD50 over 5000mg/kg(female mouse)

Skin Corrosion/Irritation

May cause irritation, if contact at long time. Causes mild skin irritation "Classification 3"

Serious Eye Damage/Irritation

May cause irritation. Causes eye irritation "Classification 2B"

Respiratory or Skin Sensitization

Not available.

Germ Cell Mutagenicity

Negative

Carcinogenicity

Not available

Reproductive Toxicity

Not available

Routes of Entry

Not available.

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Symptoms Related to Exposure

Not available

Potential Health Effects

Not available.

Target Organ(s)

Not available

Section 12: Ecological Information**Ecotoxicity**

Not available.

Persistence and Degradability

Not available

Bioaccumulative Potential

Not available

Mobility in Soil

Not available

Other Adverse Effects

Not available

Section 13: Disposal Considerations**Waste Disposal**

Observe all federal, state and local regulations when disposing of this substance.

Disposal of Container

Not available

Other Considerations

Not available

Section 14: Transport Information**DOT Classification**

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information**Regulations**

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

Other

Not available.

Section 16: Other Information

Not available.