

AERCHEM INC.
320 S Walnut St.
Bloomington, IN 47404

Telephone: 812.334.9996

Fax: 812.334.1960

Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Effective Date: 8/97
Product Name: Magnesium Carbonate
Common Name:

Chemical Formula: CmgO_3
CAS No.: 13717-00-5

SECTION 2: HAZARDOUS INGREDIENTS:

Not Applicable

SECTION 3: PHYSICAL DATA

Physical Data:

Appearance and Odor:	White odorless powder
Boiling point:(760 mmHg)	n/a
Vapor Pressure (mmHg):	n/a
Specific Gravity (Water = 1):	3.04
Solubility in water:(by weight)	300 ppm
Melting Point:	decomposes @ 350°C
Volatility:	n/a
Vapor Density:	n/a

SECTION 4: FIRE AND EXPLOSION DATA

Fire and Explosion Information:

Flash point:	n/a
Flammable limit:	n/a
Extinguishing Media:	non-combustible and will not support combustion
Unusual Fire and Explosion Hazards:	n/a

SECTION 5: REACTIVITY DATA

Reactivity Data:

Stable X Unstable

Conditions to Avoid:	n/a
Incompatibilities:	Avoid contact with acids. Reacts with acids to form CO_2
Hazardous Decomposition or byproducts:	none
Hazardous Polymerization:	does not occur

SECTION 6: HEALTH HAZARD DATA

Threshold Limit Value (TLV): n/a

Permissible Exposure Limit:

Toxicity:

n/a

Oral LD50 (rat):

NTP:

IARC Monographs:

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SECTION 7: FIRST AID AND HEALTH HAZARDS

Health Hazard (acute and chronic):

Possible Nasal Irritation

First Aid:

Eyes:

Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used.

Skin:

Remove contaminated clothing quickly. Place victim under deluge shower. If on skin, gently wash with cold running water and non-abrasive soap. Cover irritated skin with emollient. Seek medical attention if irritation persists.

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Inhalation:

Allow victim to rest in well ventilated area. Seek immediate medical attention.

Ingestion:

Remove any dentures. Have conscious person drink several glasses of water or milk.

SECTION 8: SPILLAGE AND DISPOSAL PROCEDURES

Spillage:

Use appropriate tools to put spilled solid in convenient waste disposal container. Finish cleaning by spreading water on contaminated surface and dispose of according to local regional authority requirements.

and

Disposal:

Recycle to process, if possible. Consult your local or regional authorities.

SECTION 9: PRECAUTION TO BE TAKEN IN HANDLING AND STORING

Other Precautions:

Store in Cool Dry Place.

SECTION 10: SPECIAL PROTECTION INFORMATION

Ventilation:

Local exhaust

Eye Protection:

safety glasses

Protective Gloves:

if a large spill occurs

Respiratory Protection:

MSHA/NIOSH approved dust respirator

Other Protective Gear:

lab coat

SECTION 10: TRANSPORT INFORMATION

DOT classification: not a DOT controlled material (US)

DOT pictograms: none