

AERCHEM INC.
320 North Walnut
Bloomington, IN 47404

Tel: 812.334.9996 Fax: 812.334.1960 Emergency: 800.424.9300

SECTION 1: IDENTIFICATION

Effective Date: 4/8/98
Product Name: Magnesium Pidolate
Molecular Formula: N/A
CAS No.: 62003-27-4

SECTION 2: HAZARDOUS INGREDIENTS: none

SECTION 3: PHYSICAL DATA

Odor: none
Appearance: white powder
Melting point.: not determined
Boiling point: not determined
Decomposition temperature: will not occur if used according to specifications.
pH (depends on quality): 7
Solubility in water: soluble
Specific gravity (water = 1) N/A
Vapor density: N/A
Vapor pressure: N/A

SECTION 4: FIRE AND EXPLOSION DATA

Flash point: N/A
Flammable limit: N/A
Flammability: Dust can combine with air to form explosive mixture.
Extinguishing media: CO₂, extinguishing powder or water jet.
Fire fighting procedures: self-contained breathing apparatus, do not inhale explosion gases.
Unusual fire and explosions hazards:

SECTION 5: REACTIVITY DATA

Stable X **Unstable** _____
Decomposition byproducts: traces of vitrous vitiol gases possible.
Incompatibilities/Condition to Avoid: none known.
Hazardous Polymerization: not known to occur

SECTION 6: HEALTH HAZARD DATA

Toxicity: L-5-Pyrrolidinone-2-carboxylic acid Magnesium Salt--Oral LD50: 15000mg/kg in rats.
Route of Entry: Inhalation, ingestion.
Permissible Exposure limits: N/A
TWA:
TLV:

SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES

Spillage: Collect mechanically; do not breath dust.
Disposal: DO NOT flush into sewer system or allow contact with water system. Do not dispose of with garbage

SECTION 8: FIRST AID PROCEDURES

Eye Contact: Rinse opened eye for several minutes under running water.
Skin Contact: Instantly wash with soap and water and rinse thoroughly.
Inhalation: Supply fresh air; consult medical help if symptoms arise.
Ingestion: seek immediate medical advice.

SECTION 9: HANDLING AND STORAGE INFORMATION: Protect container from sunlight and water. Store in cool area away from foodstuffs. Store only in original container. Prevent formation of dust whenever possible.

SECTION 10: SPECIAL PROTECTION INFORMATION:

Ventilation: none specified.
Skin Protection: protective gloves
Eye Protection: safety glasses

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Respiratory Protection: Dust mask if dust arises.
Other: protective work clothing.

SECTION 11: TRANSPORT INFORMATION

DOT Classification: not a classified material

SECTION 12: OTHER REGULATORY INFORMATION

Federal and State regulations: N/A

WHMIS (Canada):

DSCL (EEC):

HMIS (USA):