

Material Safety Data Sheet

Revision Issued: 1/22/2010 Supercedes: 1/12/2005 First Issued: 4/10/87

Section I - Chemical Product And Company Identification

Product Name: Magnesium Chloride Flake

CAS Number: 7786-30-3

HBCC MSDS No. CM04000



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Section II - Composition/Information On Ingredients

<u>Chemical Name</u>	<u>CAS Number</u>
Magnesium Chloride	7786-30-3
Non-Hazardous Material	N/A

See Section VIII for Exposure Guidelines

Section III - Hazard Identification

Routes of Exposure:

Ingestion: Possible nausea and vomiting. Since magnesium salts are slowly absorbed, abdominal pain, vomiting and diarrhea may be the only symptoms. However, if elimination is blocked by bowel blockage or other reasons, CNS depression, lack of reflexes, hypocalcemia (deficiency of calcium in the blood) may occur.

Inhalation: Dust may irritate, but not likely to cause injury.

Skin: May cause minor irritation.

Eyes: Slight irritation and may cause minor transient corneal injury.

Summary of Chronic Health Hazards: May cause kidney damage.

Signs and Symptoms of Exposure: N/A

Effects of Overexposure: Upset stomach, possibly of nausea and vomiting.

Medical Conditions Generally Aggravated by Exposure: N/A

Section IV - First Aid Measures

Ingestion: Low toxicity. Give several glasses of water to drink to dilute. Do not induce vomiting. GET MEDICAL ATTENTION.

Inhalation: Remove to fresh air. If breathing has stopped, provide artificial resuscitation. If breathing is difficult, provide oxygen. GET MEDICAL ATTENTION IMMEDIATELY.

Skin: Wash off in flowing water or shower for at least 15 minutes. Remove any contaminated clothing.

Eyes: Irrigate with large amounts of water continuously for 15 minutes. GET MEDICAL ATTENTION.

conditions of use and storage. By strong ignition is converted into oxychloride. occur

Conditions to Avoid: Solutions can be aggressively corrosive. Heat, moisture

Materials to Avoid: Furan-2-peroxycarboxylic acid. Strong oxidizing agents will release chlorine.

Hazardous Decomposition Products: Hydrogen chloride at well over 1400°C. When heated to decomposition it emits corrosive hydrochloric acid vapor. When heated to temperatures above 300°C (572°F) it emits toxic fumes of chlorine gas.

Section XI - Toxicological Information

Oral - Rat 8100 mg/kg LD50

Oral - Mouse 7600 mg/kg LD50

Section XII - Ecological Information

N/A

Section XIII - Disposal Considerations

Dispose of in accordance with applicable local, county, state and federal regulations.

Section XIV - Transport Information

DOT Proper Shipping Name: N/A

DOT Hazard Class/ I.D. No.: N/A

Section XV - Regulatory Information

Reportable Quantity: N/A

NFPA Rating: Health - 1; Flammability - 0; Instability - 0

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

Carcinogenicity Lists: No **NTP:** No **IARC Monograph:** No **OSHA Regulated:** No

Section XVI - Other Information

Synonyms/Common Names: N/A

Chemical Family/Type: Magnesium Chloride, Hexahydrate

Sections changed since last revision: III, IV, VI, IX

IMPORTANT! Read this MSDS before use or disposal of this product. Pass along the information to employees and any other persons who could be exposed to the product to be sure that they are aware of the information before use or other exposure. This MSDS has been prepared according to the OSHA Hazard Communication Standard [29 CFR 1910.1200]. The MSDS information is based on sources believed to be reliable. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, **Hill Brothers Chemical Company** makes no warranty, either expressed or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Also, additional information may be necessary or helpful for specific conditions and circumstances of use. It is the user's responsibility to determine the suitability of this product and to evaluate risks prior to use, and then to exercise appropriate precautions for protection of employees and others.