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MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Light Magnesium Carbonate**
Stock No.: 64925
Chemical Name: Magnesium carbonate basic hydrate
Chemical Family: Magnesium Carbonate
Formula: $MgCO_3 \cdot Mg(OOOH)_2 \cdot nH_2O$
Cas Number: 39409-82-0 (7760-50-1)

SUPPLIED BY: Akrochem Corporation
255 Fountain Street
Akron, OH 44304-1991

INFORMATION: (330) 535-2100
EMERGENCY (After Hours): (330) 535-2100 Ext. 1172

Prepared By: William H. Silver

2. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT

COMPONENT	Cas Number:	APPROX. WGT. %	ACGIH LIMITS	OSHA LIMITS
Magnesium carbonate basic hydrate	39409-82-0	100 %	10 mg/m ³ (total dust)	15 mg/m ³ (total dust)

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

May cause eye, skin and respiratory tract irritation.

Effects from Exposure:

INGESTION:

May cause irritation to digestive tract. May cause central nervous system effects.

SKIN CONTACT:

May cause skin irritation.

INHALATION:

May cause respiratory irritation.

EYE CONTACT:

May cause mild eye irritation.

MEDICAL CONDITIONS AGGRAVATED:

None known.

CHRONIC EFFECTS/CARCINOGENICITY:

This product is not considered a carcinogen by IARC, NTP, or OSHA.

PRODUCTS/INGREDIENTS:

No information at this time.

PRINCIPLE ROUTES OF EXPOSURE:

Skin, Eyes, Inhalation, Ingestion,

OTHER:

None known.

4. FIRST AID MEASURES

INGESTION:

Do not induce vomiting. Consult physician.

SKIN:

Flush skin with plenty of water. Get medical attention, if irritation persists.

INHALATION:

Remove to fresh air. Get medical attention if irritation persists.

EYES:

Flush with large amounts of water for at least 15 minutes. Consult a physician, if irritation persists.

NOTE TO PHYSICIAN:

Treatment based on sound judgment of physician and individual reactions of patient.

5. FIRE FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR (%) : Not Established

SENSITIVITY TO MECHANICAL IMPACT (Y/N) : NO

SENSITIVITY TO STATIC DISCHARGE:

Sensitivity to static discharge is possible.

EXTINGUISHING MEDIA:

This material is non-combustible. Use extinguishing materials suitable for other combustible materials in the area.

SPECIAL FIREFIGHTING PROCEDURES:

Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Non-Flammable.

6. ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Sweep or gather up material and place in proper container for disposal or recovery. If dust is generated, use appropriate respiratory protection. Avoid creating dusts.

7. HANDLING AND STORAGE

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Handling:

Avoid generating excess dust. Handle in a well ventilated work area. Wash hands before eating, drinking or smoking. Keep containers closed.

Storage:

Store in a cool, dry location away from incompatible materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Localized ventilation should be used to control dust levels. Eyewash stations.

RESPIRATORY PROTECTION EQUIPMENT:

NIOSH/MSHA approved dust/vapor respirator.

PROTECTIVE GLOVES:

Recommended

EYE AND FACE PROTECTION:

Chemical safety glasses with side shields or chemical safety goggles.

OTHER PROTECTIVE EQUIPMENT:

None required.

VENTILATION:

Providing local exhaust ventilation is recommended to prevent dust buildup.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:

Not Determined

Vapor Pressure:

Not Determined

VAPOR DENSITY (AIR=1):

Not Determined

Flash Point:

Non-Flammable

MELTING POINT/FREEZE POINT:

Not Determined

PHYSICAL STATE:

Powder

ODOR:

Odorless

COLOR:

White

ODOR THRESHOLD (PPM):

Not Determined

% VOLATILE BY VOLUME:

Not Determined

EVAPORATION RATE:

Not Determined

SPECIFIC GRAVITY (WATER=1):

2.16

ACID/ALKALINITY (MEQ/G):

Not Determined

PH:

Not Determined

SOLUBILITY IN WATER (20°C):

Insoluble

SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT):

Not Determined

10. STABILITY AND REACTIVITY

STABILITY:

Stable.

HAZARDOUS POLYMERIZATION:

Will Not Occur

HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:

Carbon monoxide,

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INCOMPATIBILITY (MATERIALS TO AVOID):

Strong acids,

CONDITIONS TO AVOID:

Decomposition >850°C.

11. TOXICOLOGICAL INFORMATION

<u>ACUTE ORAL LD50 (MG/KG):</u>	Not Determined
<u>ACUTE DERMAL LD50 (MG/KG):</u>	Not Determined
<u>ACUTE INHALATION LC50 (MG/L):</u>	Not Determined
<u>OTHER:</u>	Not Determined
<u>AMES TEST:</u>	Not Determined

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

No data at this time.

CHEMICAL FATE INFORMATION:

No data at this time.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:

As local regulations may vary; all waste must be disposed/recycled/reclaimed in accordance with federal, state, and local environmental control regulations.

****NOTE**** Chemical additions, processing or otherwise altering this material, may make the waste management information presented above incomplete, inaccurate or otherwise inappropriate.

14. TRANSPORT INFORMATION

DOT Shipping Name: Not Regulated
DOT HAZARD CLASS: None
DOT LABEL(S): None
UN/NA NUMBER: None
IATA: Not Regulated
IMO IMDG-code: Not Regulated

15. REGULATORY INFORMATION

TSCA STATUS: CAS# 39409-82-0 is not on the TSCA inventory because it is a hydrate. It is considered to be listed if the CAS number for the anhydrous form is on the inventory (40CFR720.3(u)(2)).

SARA SECTION 302: Not Reportable

SARA (311, 312) HAZARD CLASS: Acute Health Hazard,

SARA (313) CHEMICALS:

Contains no SARA Title III, Section 313 notification chemical present at or above the de minimus concentration.

NEW JERSEY RIGHT TO KNOW:

Magnesium Carbonate - (Not Listed)

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CA PROP 65:

To the best of our knowledge, this product contains no levels of listed substances, which in the state of California have been found to cause cancer, birth defects or other reproductive effects.

PENNSYLVANIA RIGHT TO KNOW:

Not Listed

HMS:

HEALTH 1 , FLAMMABILITY 0 , REACTIVITY 0

NFPA:

Not Determined

16. OTHER INFORMATION

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***** END OF MSDS *****