

COLUMBUS CHEMICAL INDUSTRIES INC -- MAGNESIUM NITRATE MG(NO3)2.6H2O --  
6810-00-264-8963

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===== Product Identification =====

Product ID:MAGNESIUM NITRATE MG(NO3)2.6H2O

MSDS Date:10/08/1990

FSC:6810

NIIN:00-264-8963

MSDS Number: BHYCF

=== Responsible Party ===

Company Name:COLUMBUS CHEMICAL INDUSTRIES INC

Address:N 4335 TEMKIN RD

City:COLUMBUS

State:WI

ZIP:53925

Country:US

Info Phone Num:414-623-214

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Emergency Phone Num:414-623-2140/800-424-9300(CHEMTREC)

CAGE:5Y144

=== Contractor Identification ===

Company Name:COLUMBUS CHEMICAL INDUSTRIES INC

Address:N 4335 TEMKIN RD

Box:8

City:COLUMBUS

State:WI

ZIP:53925-0008

Country:US

Phone:920-623-2140

CAGE:5Y144

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===== Composition/Information on Ingredients =====

Ingred Name:MAGNESIUM NITRATE HEXAHYDRATE

CAS:13446-18-9

RTECS #:OM3756000

Other REC Limits:NONE SPECIFIED

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===== Hazards Identification =====

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LD50 LC50 Mixture:5440 MG/KG (LD50 ORAL RAT)

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:CAUSES IRRITATION ON CONTACT WITH SKIN, EYES, MUCOUS MEMBRANES. ORAL TOXICITY LOW. MATERIAL IS AN OXIDIZER.

Explanation of Carcinogenicity:PRODUCT CONTAINS NO MATERIALS CURRENTLY CLASSIFIED BY NTP, IARC OR OSHA AS CARCINOGENIC.

Effects of Overexposure:IRRITATION TO CONTACT AREAS.

Medical Cond

Aggravated by Exposure:PRE-EXISTING SKIN CONDITIONS.

===== First Aid Measures =====

First Aid:INHALATION: REMOVE TO FRESH AIR. EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES AND GET PROMPT MEDICAL ATTENTION. SKIN: WASH WITH PLENTY OF WATER. GET MEDICAL ATTENTION IF NECESSARY. INGESTION: INDUCE VOMITING WITH IPECAC. SEEK MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point:NONE

Lower Limits:NONE

Upper Limits:NONE

Extinguishing Media:DRY CHEMICAL, FOAM OR WATER.

Fire Fighting Procedures:WEAR NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:IN CONTACT WITH EASILY OXIDIZABLE SUBSTANCES, IT MAY REACT RAPIDLY, CAUSING IGNITION OR EXPLOSION.

===== Accidental Release Measures =====

Spill Release Procedures:CONTAIN WITH VERMICULITE OR OTHER SUITABLE DRYING AGENT.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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===== **Handling and Storage**=====

Handling and Storage Precautions:WEAR GLOVES, EYE AND SKIN PROTECTION.  
KEEP IN COOL, DRY AREA. KEEP IN WELL VENTILATED AREA. KEEP COOL.  
Other Precautions:OXIDIZER.

===== **Exposure Controls/Personal Protection**=====

Respiratory Protection:NIOSH APPROVED DUST MASK.  
Ventilation:LOCAL EXHAUST RECOMMENDED.  
Protective Gloves:RECOMMENDED  
Eye Protection:SAFETY GOGGLES  
Other Protective Equipment:WEAR SUITABLE CLOTHING T  
HAT COVERS.  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. NORMAL  
PROCEDURES.  
Supplemental Safety and Health  
NONE SPECIFIED BY MANUFACTURER.

===== **Physical/Chemical Properties**=====

HCC:D1  
NRC/State Lic Num:NONE  
Boiling Pt:B.P. Text:DECOMPOSES  
Melt/Freeze Pt:M.P/F.P Text:203F,95C  
Vapor Pres:NONE  
Vapor Density:NONE  
Spec Gravity:1.64  
Evaporation Rate & Reference:NONE  
Appearance and Odor:CLEAR, COLORLESS, ODORLESS SOLID  
Percent Volatiles by Volume:NONE

===== **Stability and Reactivity Data**=====

Stability Indicator/Materials to Avoid:YES  
STRONG ALKALIES AND REDUCING AGENTS.  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:OXIDES OF NITROGEN

===== **Disposal Considerations**=====

Waste Disposal Methods:COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND  
LOCAL REGULATIONS.

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