

Material Safety Data Sheet



CORPORATE HEADQUARTERS
9130 South Dadeland Boulevard
Suite 1607, Two Datan Center
Miami, Fl 33156-78513.USA

MAGNET B®

Date of Preparation: 2/1/04

MSDS No. 0008

Date of review: August 17, 2008

CHEMTEL Emergency Phone number: 800-255-3924. - For International shipments: 813-248-0585

MAGNET B®

Calcium and Boron Phosphonate

MSDS

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ExcelAg, Corp.

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I. Product Identification

Product Name : MAGNET B®

Chemical Name: Calcium and Boron Phosphonate

Chemical Family: Inorganic plant nutrients

General Use : Fertilizer

EPA Number: Not required

II. Composition / Information on Ingredients

Ingredient (CAS #)		Percentage	Exposure Limits
P2O5	13492-26-7	19.2%	
CaO		15.5%	
Boron		3.0%	
Equivalent in Calcium Phosphonate		40.00%	

III. Physical Data

Boiling Point : N/A

Vapor Density : N/A

Melting Point : Greater than - 15°C

Evaporation Rate : N/A

Freezing Point : N/A

Solubility in Water : Miscible

Specific Gravity (25° C): 1.32

Appearance and Odor: White Liquid, low odor

Vapor Pressure (@ 20° C): Less than 0.1 mm Hg

pH: 7.2-8.0

IV. Fire & Explosion Data

Flash Point (Method): Not Combustible

Flammable Limits (Vol. % in air): Not flammable

Auto ignition temperature: Not applicable

Extinguishing Media: Use agents appropriate for surrounding fire. Use water spray, foam, dry chemicals, carbon dioxide, or other extinguishing media as appropriate for surrounding fire

Special Firefighting Procedures : Wear full protective clothing. Wear self-contained breathing apparatus

Unusual Fire and Explosion Hazards : Under fire conditions may phosphoric pentoxide and toxic and flammable phosphine gas. May produce hydrogen gas if in contact with certain metals (Please refer to Section V).

V. Reactivity Hazard Data

Stability : Stable at normal conditions.

Conditions to avoid : Hot alkaline solutions, extreme temperatures.

Incompatibility : Reacts violently with strong oxidizing agents such as nitrates and chlorates, caustic soda, calcium carbide, etc.

Hazardous Polymerization : Will not occur

Hazardous Decomposition Products: Under fire or hot alkaline conditions will liberate toxic and flammable phosphine gas (Please refer to Section VI).

VI. Health Hazard Data

Carcinogenic Information: Not known.

Ingestion: Excessive ingestion may cause internal irritation due to its acidic nature.

Inhalation : Excessive exposure to dust in unventilated areas may cause respiratory irritation.

Eye Contact : product may cause severe eye irritation.

Skin absorption: Not known.

Skin Contact : None currently known..

Chronic Effects of Overexposure : none currently known, where the product is used under conditions of good industrial hygiene.

Other Toxic Effects : none currently known.

LD50: Based on LD50 of componentes, the LD50 is > 5000 mg/Kg

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VII. Emergency and First Aid Procedures

Ingestion: Never give anything by mouth to an unconscious person. Do not induce vomiting. Give large quantities of water or milk. Seek medical attention.

Skin Contact : Wash with soap and water. Remove contaminated clothing. Wash clothing before reuse.

Eye Contact : Immediately flush eyes with water for at least 15 minutes, holding eyelids apart to irrigate thoroughly. Washing eyes within several seconds is essential to achieve maximum effectiveness. Consult physician if irritation persists.

Inhalation: Remove to fresh air. Consult physician. If not breathing, give artificial respiration.

Note to Physician : Test symptomatically and supportively. Ingestion may result in irritation to the digestive tract.

VIII. Special Protection Information

Protective clothing : Butyl Rubber or PVC gloves.

Eye Protection : Chemical goggles or safety glasses with side shields.

Ventilation : Mechanical.

Respiratory Protection : None, under normal condition. If mist is present, use NIOSH/MSHA approved dust respirator if ventilation is not sufficient..

Other : Eye wash, neoprene protective type apron and footwear.

IX. Spill or Leak Procedures

Steps to be Taken in Case Material is released or Spilled: Wear suitable protective clothing. Sweep up excess. Wash thoroughly with water. Keep away from ignition sources.

Waste Disposal Methods : Dispose of in accordance with all applicable federal, state and local regulations.

X. Special Precautions

Precautions to be Taken in Case Material is Handling and Storing : Store in original, sealed container in cool, ventilated area. Protect from freezing or overheating. Avoid open flames and sparks. Keep in secured area, away from children and unauthorized people. Do not contaminate water supplies, lakes, streams or ponds.

Other precautions:

- A) RCRA Hazardous Waste Number: Not listed
- B) SARA Title III, Section 313: Not listed
- C) SARA Threshold Planning quantity: 10,000 lbs.
- D) CERCLA Reportable quantity: Not listed
- E) 49 CFR 172.102, Appendix A: Not listed
- F) 49 CFR 172.102, Appendix B: Not listed

XI. Shipping Information

Shipping Name: Not Regulated by DOT (highway), IMG (water), or IATA (air).

Hazard Class: None

Identification No: None

Labels required: None

Placarding: None required

Freight Class: Compound, Fertilizer (Manufactured Fertilizer), Liquid, NOIBN (NMFC Item 68140, Sub 6, Class 70).

Hazardous Substance : Acute Health Hazard

EPA SARA Title III Data: This product does not contain toxic chemicals listed on SARA Section 313 Community Right to Know or Toxic release Inventory. All components of this product are listed on the TSCA inventory.

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XII. Other Information

National Fire Protection Association Rating:

(Rating level: 4- Extreme, 3- High, 2- Moderate, 1-Slightly, 0-Minimum)

Health: 2

Fire: 0

Reactivity: 1

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y

Delayed (Chronic) Health: N

Sudden Release of pressure: Y

Fire: N

Reactive: N

Prepared by:

Revision Notes :

Disclaimer: Reasonable care has been taken in preparation of this information. The information contained herein is based on the data available to us and is believed to be correct as of the date prepared; however, ExcelAg Corp., makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.