

Product Name: MAGNESIUM POLYAMINE

Product ID#: 06

Section I MANUFACTURER'S INFORMATION

Manufacturer's Name & Address

Northwest Ag	Emergency Telephone Number:	509-547-8234
821 S. Chesnut Ave.	Number for Information:	509-547-8234
Pasco, Washington 99301	Date Prepared:	November 17, 2000

Section II PRODUCT IDENTIFICATION

PRODUCT NAME: Magnesium Polyamine

TSCA CAS Registry: 7487-88-9, 7732-18-5

(Hydrates are considered under TSCA as mixtures of anhydrous salt and water.)

DOT Hazardous Class: N/A

DOT Shipping Name: N/A

U.S. PRECAUTIONARY STATEMENT

WARNING: Causes irritation. Harmful if swallowed. Avoid contact with eyes, skin, clothing. Keep in tightly closed container. Use with adequate ventilation. Wash thoroughly after handling.

INTERNATIONAL STATEMENT

Harmful if swallowed. Irritating to respiratory system and skin. After contact with skin, wash immediately with plenty of soap and water. If irritation occurs, get medical attention.

Section III PHYSICAL DATA

Boiling Point:	N/A
Vapor Pressure (MMGH):	N/A
Vapor Density (AIR=1):	N/A
Bulk Density:	9.5 lbs/gal
Specific Gravity:	1.14 (liquids only)
Evaporation Rate:	Butyl Acetate = 100, N/A
pH:	N/A
Physical State:	Liquid
Appearance & Odor:	Slight dark color, sweet odor

Section IV FIRE AND EXPLOSION DATA

Flash Point (closed cup): N/A

Flammable Limits: Upper - N/A Lower - N/A

Fire Extinguishing Media

Extinguishing Media appropriate for surrounding fire.

Special Fire Fighting Procedures

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

Unusual Fire & Explosion Hazards:

At very high temperatures, magnesium oxide, sulfur dioxide, and sulfur trioxide may be generated.

Explosion Data-Sensitivity to mechanical impact: None

Explosion Data-Sensitivity to static discharge: None

Section V HEALTH AND HAZARD DATA

Inhalation: Inhalation of mist may cause irritation of the respiratory tract.

Skin contact: No adverse effects known or suspected.

Eye contact: Irritation

Skin absorption: None identified.

Ingestion: Nausea, vomiting, diarrhea, abdominal distress.

Chronic effects: No known chronic effects.

Product Name: Magnesium Polyamine

Medical conditions generally aggravated by exposure: None Identified.
Primary routes of entry: Inhalation, ingestion, skin contact, and eye contact.

Signs and Symptoms of Exposure:

Sneezing and dryness of mucous membranes (inhalation). Pain, redness and tearing (eyes). Nausea, vomiting, abdominal cramps, and diarrhea (ingestion).

EMERGENCY FIRST AID PROCEDURES

Ingestion: Call physician. If swallowed, if conscious give large amounts of water. Induce vomiting.
Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Skin contact: In case of contact, flush skin with water.
Eye contact: In case of eye contact, immediately flush with plenty of water for at least fifteen minutes.

Section VI REACTIVITY DATA

Stability: Stable
Conditions to avoid: N/A
Incompatibles: N/A
Hazardous Decomposition: At very high temperatures, magnesium oxide, sulfur dioxide, and sulfur trioxide may be generated.

Section VII SPILL & DISPOSAL PROCEDURES

Steps to be taken in the event of a spill or discharge:
Wear self-contained breathing apparatus and full protective clothing. With clean shovel, carefully place material into clean, dry container and cover, remove from area. Flush spill area with water.
Disposal procedure:
Dispose in accordance with all applicable federal, state, and local environmental regulations.

Section VIII INDUSTRIAL PROTECTIVE EQUIPMENT

Ventilation requirements:
Ventilation is not usually required for magnesium. Avoid creation of mist or spray, if present provide local exhaust systems and wear NIOSH/MSHA approved respiratory protection if airborne exposure is possible.
Respiratory:
Provide mist protection where applicable. Use NIOSH/MSHA approved respirators.
Eye/skin protection:
Safety goggles. uniform, rubber gloves are recommended.

Section IX STORAGE AND HANDLING PRECAUTIONS

Storage requirements:
Keep container tightly closed. Suitable for any general chemical storage area. Isolate from incompatible materials.
OSHA standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of a hazard communication program including labeling, material request that you, and it is your legal duty to, make all information in this material safety data sheet available to your employees.

Prepared By: David Bergevin
Date: November 17, 2000

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