



HYDRO-ZONE, INC.
17800 TELEGRAPH, ROMULUS, MI 48174
PHONE: (734) 247-4488 FAX (734) 247-4489
EMERGENCY TELEPHONE NO.: (800) 535-5053

MATERIAL SAFETY DATA SHEET

NFPA Hazard Rating:
Health - 2
Flammability - 0
Reactivity - 0

I. GENERAL INFORMATION -----

Code, Trade Name: HZ062590, Silica #2
Chemical Name: Ammonium Molybdate in Water
Chemical Family: Inorganic Salt in Water

II. HAZARDOUS INGREDIENTS -----

Ammonium Molybdate CAS #12027-67-7 10% W/V
TLV/PEL: 5 mg/cu.m. (as Mo) TXDS: orl-rat LD50:333 mg/kg
Carcinogenicity: Not listed (IARC)

III. HEALTH HAZARD DATA -----

Contact can irritate eyes, skin and mucous membranes.
May be harmful by ingestion.
Routes of Entry: Ingestion.

First Aid:

Eyes: Flush with water for at least 15 min; get immediate medical assistance.
Skin: Remove contaminated clothing and wash with soap and water.
Inhalation: Move to fresh air & give artificial respiration if breathing has stopped.
Ingestion: Dilute with water and induce vomiting if conscious. Get medical attention.

GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE!

IV. PHYSICAL DATA -----

Boiling Point: N/A Specific Gravity: 1.07
Vapor Density: N/A
Water Solubility: Complete
Appearance & Odor: Clear, faint green liquid.

V. FIRE & EXPLOSION HAZARD DATA -----

Flash Point: Nonflammable
Extinguishing Media: Dry chemical
Special Procedures: Wear self contained breathing apparatus, protective clothing, and face shield.

Unusual Fire & Explosion Hazards: N/A

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VI. REACTIVITY DATA -----

Conditions To Avoid: Extreme heat.

Hazardous Combustion & Decomposition Products: Decomposes at 190 °C to molybdenum trioxide and ammonia.

VII. SPECIAL PROTECTION -----

Provide adequate general and local exhaust ventilation.
Protect eyes and skin with safety goggles and gloves.
Do not get in eyes, on skin or clothing.
Wear self contained breathing apparatus in high vapor areas.
Do not breathe vapors or mists.

VIII. HANDLING AND STORAGE PRECAUTIONS -----

Keep container tightly closed.
Store in cool, dry, well ventilated area.
Keep away from ignition source.
Wash thoroughly after handling.
Empty containers may be hazardous due to retained residue.

DOT - Not Regulated

IX. ENVIRONMENTAL PROTECTION -----

Spill Response: Absorb with sand or vermiculite and scoop up and containerize for proper disposal.

Waste Disposal: Comply with all local, state and federal regulations.

The above information is to be used only as a guide, and does not profess to be all inclusive. Hydro-Zone, Inc. shall not be held liable for any damage resulting from the handling or contact with the above product.

N/A = Not Available
Issue Date: 5/00

Revised: