

AquaPhoenix Scientific

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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: MN9340, Mercuric Nitrate 0.141N
Chemical Name: Mercuric Nitrate in Water
Chemical Family: Inorganic Mercury Salt in Water

Keep away from combustible materials and ignition source.
Wash thoroughly after handling.
Empty containers may be hazardous due to retained residue.

DOT - Not Regulated

II. HAZARDOUS INGREDIENTS -----

* Mercuric Nitrate CAS #7783-34-8 <1% W/V
ACGIH: 0.05 mg/cu.m.(TWA as Hg)
TXDS: ipr-mus LD50: 8 mg/kg
scu-mus LDLo: 20 mg/kg
Carcinogenicity: Not listed (IARC).

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.

* Toxic chemical or chemicals subject to the reporting requirements of Section 313, SARA Title III.

III. HEALTH HAZARD DATA -----

Toxic by ingestion, inhalation, or skin contact. Causes skin irritation, nausea, vomiting, abdominal pain, burns, and death.

Routes of Entry: Ingestion, Inhalation, Skin Contact.

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: Remove to fresh air & give artificial respiration if breathing has stopped; get medical attention.

Ingestion: Get medical attention immediately.

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

N/A = Not Available

Issue Date: 04/06

Revised:

GET MEDICAL ASSISTANCE FOR ALL CASES OF OVEREXPOSURE!

IV. PHYSICAL DATA -----

Boiling Point: N/A Specific Gravity: 1.00
Vapor Density: N/A
Water Solubility: Miscible
Appearance & Odor: Colorless aqueous solution.

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

Flash Point: Noncombustible

Extinguishing Media: Use media appropriate for surrounding material.

Special Procedures: Wear self contained breathing apparatus and protective clothing.

Unusual Fire & Explosion Hazards:

Toxic mercury compounds.

VI. REACTIVITY DATA -----

Conditions To Avoid: Contact with combustible material, organic materials, and reducing agents.

Hazardous Combustion & Decomposition Products: Mercury and mercury compounds.

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.