

AquaPhoenix Scientific
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Emergency Telephone No.: 800-535-5053

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION -----
Code, Trade Name: 013-02987-000 & 013-03346-000, INHIBITOR,
CORROSION

Chemical Name: Sodium Tetraborate/Nitrite/Nitrate/
Metasilicate in Water
Chemical Family: Inorganic Salts in Water

II. HAZARDOUS INGREDIENTS -----
Sodium Tetraborate, CAS #1330-43-4 0.1% W/V
TLV/PEL: TWA: 5 mg/cu.m TXDS: ori-hmn LDLo: 709 mg/kg
Sodium Metasilicate, CAS #6834-92-0 0.1% W/V
TLV/PEL: Not Established TXDS: ori-rat LD50: 1153 mg/kg
Sodium Nitrite, CAS #7632-00-0 0.1% W/V
TLV/PEL: Not Established TXDS: ori-rat LD50: 3020 mg/kg
Sodium Nitrate, CAS #7631-99-4 0.1%
W/V
TLV/PEL: Not Established TXDS: ori-rbt: ld50: 2680 mg/kg

Carcinogenicity: None of the above are listed (IARC).

III. HEALTH HAZARD DATA -----
May be harmful if swallowed or inhaled. May irritate eyes, skin,
nasal and respiratory passages. Prolonged contact may cause
allergic reaction. Ingestion may cause nausea and vomiting,
headache, hair loss, and shock. Do not take internally.
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: If conscious induce vomiting. Get medical help.

**GET MEDICAL ASSISTANCE FOR ALL CASES OF OVER EXPO-
SURE!**

IV. PHYSICAL DATA -----
Boiling Point: N/A Specific Gravity: 1.0
Vapor Density: N/A pH: 10.7
Water Solubility: Miscible
Appearance & Odor: Clear, light blue/purple liquid.

V. FIRE & EXPLOSION HAZARD DATA -----
Flash Point: Nonflammable
Extinguishing Media: Media compatible with environment.
Special Procedures: Wear self contained breathing apparatus
and protective clothing if necessary.
Unusual Fire & Explosion Hazards: None indicated.

VI. REACTIVITY DATA -----
Conditions To Avoid: None indicated.
Hazardous Combustion & Decomposition Products:
N/A

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

VIII. HANDLING AND STORAGE PRECAUTIONS -----
Keep container tightly closed.
Store in cool, dry, well ventilated area.
Keep away from ignition source, acids, oxidizers.
Wash thoroughly after handling.

NFPA Hazard Rating:
Health - 1, Flammability - 0, Reactivity - 0

Empty containers may be hazardous due to retained residue.

DOT - Not Regulated

CANADA - DSL/NDSL: CAS# 1330-43-4, 6834-92-0, 7632-00-0, &
7631-99-4 are listed on Canada's DSL List

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. AquaPhoenix Scientific shall not be held
liable for any damage resulting from the handling or contact with the
above product.

N/A = Not Available
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Revised: 10/02,11/02,7/03,2/04,12/07,07/08