

MATERIAL SAFETY DATA SHEET

Section 1

General Information

Trade Name & Synonyms: **BT-5300**

Revision Date: June 20, 2003

Chemical Name & Synonyms:

Chemical Family:

Formula: Aqueous Mixture

Manufacturer:

M.I.S. of America, Inc.
4391 Walden Avenue
Lancaster, NY 14086
800-6883758

Emergency Contact: CHEM-TEL-(800) 255-3924

Section 2

Ingredients

Principal Hazardous Components

Sodium Molybdate
Phosphino-Carboxylic Acid
Polyacrylic Acid
Sodium Hydroxide

Threshold Limit Value (Units)

N.A.
N.A.
N.A.
N.A.

* This product does not contain a chemical listed in Section 313 of SARA Title III above de minimus concentration.

Section 3

Physical Data

Boiling Point (°F): Above 212°F

Vapor Pressure (mm Hg.): N.A.

Vapor Density (Air = 1): N.A.

Solubility in Water: Complete

Appearance & Odor: Clear liquid with slight odor.

Specific Gravity (H₂O = 1): 1.04-1.05

Percent Volatile By Weight: 92

Evaporation Rate (___ = 1): Unknown

pH: 10-11

Section 4

Fire & Explosion Hazard Data

Flash Point (Test Method): N.A.

Auto Ignition Temperature: N.A.

Flammable Limits: N.A.

LEL: N.A.

UEL: N.A.

Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Special Fire Fighting Procedures: As in any fire, wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

Unusual Fire & Explosion Hazards:

Section 5**Health Hazard Data**

Threshold Limit Value: Mixture: See Section II for individual ingredients.

Carcinogenicity: **NTP:** No **IARC:** No **OSHA:** No

Primary Route (s) of Entry: Skin, eyes, ingestion.

Symptoms of Exposure: May cause severe eye and skin burns. Strong alkali is destructive to all tissue it contacts, such as eyes, skin, lungs and digestive tract.

Emergency First Aid:

Eyes: Flush immediately with water for at least 15 minutes. Get prompt medical attention.

Skin: Wash thoroughly with water for 15 minutes. For severe burns, get medical attention.

Ingestion: **DO NOT** induce vomiting. Dilute with water and neutralize with vinegar or fruit juice. Get medical attention immediately.

Section 6**Reactivity Data**

Stability: Stable under ordinary conditions of use and storage.

Conditions to Avoid: None known.

Incompatibility (Materials to Avoid): Strong acids.

Hazardous Polymerization: Will not occur under ordinary conditions of use and storage.

Conditions to Avoid: None known.

Hazardous Decomposition Products: None known.

Section 7**Environmental Protection Procedures**

Spill Response: Wear the proper protective equipment. For small spills, dilute with large quantities of water and flush to sewer. For larger spills, absorb and dispose of in an appropriate manner.

Waste Disposal Method: Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures.

Section 8**Special Protection Information**

Eye Protection: Goggles or face shield.

Skin Protection: Impervious clothing. Rubber gloves and boots.

Respiratory Protection (Specific Type): Required.

Ventilation Recommended: None Required.

Other Protection: Eye wash fountain is recommended.

Section 9**Special Precautions**

Hygienic Practices In Handling & Storage: **DO NOT** get in eyes, on skin or clothing. **DO NOT** take internally. Always wash thoroughly after handling any chemical.

Other Precautions: Keep from freezing. Keep container closed when not in use.

Shipping Class information: Not DOT Regulated