

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 a 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