

MATERIAL SAFETY DATA SHEET

Section 1

General Information

Trade Name & Synonyms: BT-7105

Revision Date: January 1, 2003

Chemical Name & Synonyms: Boiler Water Treatment Blend

Chemical Family: Corrosion Inhibitor

Formula: Aqueous Mixture

Manufacturer:

M. I. S. of America, Inc.
4391 Walden Avenue
Lancaster, NY 14086
800-688-3758

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

Section 2

Ingredients

Principal Hazardous Components

Sodium Nitrite
Sodium Borate
Sodium Polyacrylate
Potassium Hydroxide
N,N-diethylethanolamine

Threshold Limit Value (Units)

N.A.
N.A.
N.A.
N.A.
10 ppm (skin) by ACGIH & OSHA

* 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 (\square F): Above 212 $^{\circ}$ F

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

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

Solubility in Water: Complete

Appearance & Odor: Clear, red liquid with slight ammonia odor.

Specific Gravity (H₂O = 1): 1.092 - 1.112

Percent Volatile By Weight (%): 83

Evaporation Rate (___ = 1): Unknown

pH: 11 - 11.5

Section 4

Fire & Explosion Hazard Data

Flash Point (Test Method): None

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, /ISHA/NIOSH approved or equivalent) and full protective gear.

Unusual Fire & Explosion Hazards: Ignition temperature of paper and wood is lowered when impregnated with Sodium Nitrite and fire is difficult to extinguish.