

MATERIAL SAFETY DATA SHEET

This information must be made available to all personnel using this product.

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CHEMTREC (Emergency Phone)
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PRODUCT NAME Slime Control F-3
PRODUCT TYPE Cooling Water Microbiocide
EPA Registration #31910-11-7547

OSHA HAZARD CLASSIFICATION
SUSPECTED CARCINOGEN;
IRRITANT

DOT SHIPPING DESCRIPTION INDUSTRIAL PROCESS WATER TREATING COMPOUNDS, LIQUID NMFC
50227 CLASS 60

NFPA HAZARD RANKING 3-Health/ 0-Fire/ 0-Reactivity/ none
HMIS HAZARD RANKING 3-Health/ 0-Fire/ 0-Reactivity/ S-Personal Protection Index
(and rubber boots)

SECTION 1 HAZARDOUS INGREDIENTS

Table with 2 columns: Ingredient and TLV. Lists sodium dimethyldithiocarbamate, Nabam, ethylene thiourea, ethylenediamine, and dimethylamine with their respective percentages and TLV values.

This product does not contain 1% or greater of hazardous ingredients listed in Subpart D of SARA, Title III, Section 313 (40CFR372.65), the CERCLA "... List of Extremely Hazardous Substances and Threshold Planning Quantities" (40 CFR355.40 Appendix A), or the CERCLA "List of Hazardous Substances and Reportable Quantities" (40CFR302.4). This third list also identifies hazardous substances for reporting purposes related to the Clean Water Act, part 311(b)(2)(A).

All of the ingredients in this product are listed in the TSCA inventory.

None of the ingredients present in this product as 0.1% or greater are listed as carcinogens by NTP, IARC, or OSHA.

SECTION 2 PHYSICAL DATA

Table with 2 columns: Property and Value. Lists Appearance and Odor, Specific Gravity, Percent Volatile, Evaporation Rate, pH, Boiling Point, Vapor Pressure, Vapor Density, and Solubility in Water.

SECTION 3 HEALTH HAZARD INFORMATION

Effects of Overexposure EYES: Contact with eyes may cause irritation. SKIN: Slightly irritating to skin. INGESTION: This product is an economic poison. Ingestion may be harmful. May cause nausea and vomiting. INHALATION: May cause irritation of nose, throat, and respiratory tract producing symptoms of nausea in poorly ventilated areas. NOTE: This product contains <0.3% ethylene thiourea which has been determined to be carcinogenic in laboratory animals. There is inadequate evidence that this material is carcinogenic in humans.

Emergency and First Aid Procedures EYES: Immediately flush eyes with large amounts of water for at least 15 minutes, holding lids open to ensure flushing of the entire eye surface. Get emergency medical attention. SKIN: Remove contaminated clothing. Wash contaminated skin with soap and water. INHALATION OF MIST OR VAPOR: Remove to fresh air. Get medical attention. INGESTION: Have conscious patient drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician immediately. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION 4 FIRE & EXPLOSION HAZARDS

Flash Point (°F.) none **Flammable Limits** not flammable
Extinguishing Media water, foam, carbon dioxide or dry chemical
Special Fire Fighting Procedures Firefighters should always wear protective clothing and positive pressure self-contained breathing apparatus when fighting fires near chemicals.
Unusual Fire & Explosion Hazards Thermal decomposition (as may be experienced in a fire) may produce gases such as amines and carbon disulfide. Combustion of dry film may release oxides of carbon, nitrogen and sulfur.

SECTION 5 REACTIVITY

Stability stable
Conditions to Avoid contact with acids releases flammable gases
Incompatibility (Materials to Avoid) strong mineral acids such as sulfuric, nitric, and hydrochloric
Hazardous Decomposition Products Thermal decomposition (as may be experienced in a fire) may produce gases such as amines and carbon disulfide. Combustion of dry film may release oxides of carbon, nitrogen and sulfur.
Hazardous Polymerization will not occur

SECTION 6 SPECIAL PROTECTION

Respiratory Protection NIOSH approved respirator if air concentration exceeds TLV. Consult respirator manufacturer for appropriate respirator type.
Ventilation local mechanical exhaust capable of maintaining vapors or mist below the TLV at point of use
Eye Protection chemical splash goggles
Protective Gloves rubber
Other Protective Equipment emergency eye wash station, safety shower, long-sleeved shirt, long-pants, rubber apron and rubber boots

SECTION 7 SPILL OR LEAK CLEANUP AND DISPOSAL INFORMATION

Steps to be Taken in Case Material is Released or Spilled Use appropriate safety equipment (see Section 6). Floor may be slippery. Contain spill; soak up with absorbent material and shovel into drums. Attempt to keep spilled material and rinsate out of sewers, lakes, rivers, streams, and other public waters.

Reportable Quantity 100 lbs (based on ethylene thiourea content)
Waste Disposal Method Triple rinse and puncture containers before disposal. Disposal information continues on next page.

SECTION SEVEN SPILL OR LEAK CLEANUP AND DISPOSAL INFORMATION CONTINUED ON NEXT PAGE-

SECTION SEVEN SPILL OR LEAK CLEANUP AND DISPOSAL INFORMATION CONTINUED FROM PAGE TWO-

charge rinsate into the treated system. Pesticide wastes are acutely hazardous. Dispose of waste in accordance with all federal, state, and local regulations regarding health and pollution.

SECTION 8 SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing Do not get in eyes, on skin, or on clothing. Do not take internally. Do not breathe mists. Use with adequate ventilation and use protective equipment (see Section 6). Wash thoroughly after handling. A water source and shower should be installed in storage and work areas. Wash contaminated clothing before reuse. Store in a cool area away from incompatible materials (see Section 5). Protect from freezing. Keep drum tightly closed when not in use. Protect container from physical damage. Changes in temperature create air pressure inside drums. Use proper caution in unscrewing plug and inserting faucet. Unscrew plug slowly, allowing air to escape before completely removing plug. Do not mix with any other concentrated chemicals. Do not contaminate water or food by cleaning of equipment or disposal of wastes. Do not wear contact lenses when working with chemicals. Always practice good housekeeping when handling and storing any chemicals.