

MATERIAL SAFETY DATA SHEET

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

WESTERN WATER MANAGEMENT, INC.
1345 Taney
North Kansas City,
Missouri 64116

Phone No. (weekdays)
816-842-0560
CHEMTREC (Emergency Phone)
1-800-424-9300 (24 hr.)

PRODUCT NAME Algae & Slime Control NR-M
PRODUCT TYPE Cooling Water Microbiocide
EPA Registration # 7547-20

HAZARD CLASSIFICATION
TOXIC; IRRITANT

NFPA HAZARD RANKING 3-Health/ 1-Fire/ 0-Reactivity/ COR-Special

SECTION 1 HAZARDOUS INGREDIENTS

Ingredient		TLV
disodium cyanodithioimidocarbonate	(3.68%)	OSHA & ACGIH: None Established
- CAS# 138-93-2		
potassium n-methyldithiocarbamate	(5.07%)	OSHA & ACGIH: None Established
- CAS# 137-41-7		

SECTION 2 PHYSICAL DATA

Appearance and Odor	light amber colored liquid with a hydrgen sulfide odor (similar to rotten eggs)		
Specific Gravity	1.057	Boiling Point (F.)	>212
Percent Volatile	92	Vapor Pressure (mm Hg)	not applicable
Evaporation Rate	that of water	Vapor Density (air=1)	not applicable
pH	~9	Solubility in Water	complete

SECTION 3 HEALTH HAZARD DATA

Effects of Overexposure EYES: Corrosive to eyes. Contact with eyes may cause severe injury. SKIN: Irritating to the skin. Can be absorbed through the skin - toxic by absorption. Product is not expected to cause allergic reactions. INGESTION: May cause irritation of gastrointestinal tract. INHALATION: Inhalation at high levels of mist can cause irritation to lung tissue due to corrosive characteristics.

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 several glasses of water, then induce vomiting by having patient tickle back of throat with finger. Get immediate medical attention. NEVER INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION 4 FIRE & EXPLOSION HAZARD DATA

Flash Point none below 212 F. **Flammable Limits** not flammable
Extinguishing Media water fog, carbon dioxide, foam, dry chemical
Special Fire Fighting Procedures Cool non-leaking fire-exposed containers with water spray to prevent rupture. 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 hydrogen sulfide gas.

SECTION 5 REACTIVITY DATA

Stability stable
Conditions to Avoid none known
Incompatibility (Materials to Avoid) strong acids
Hazardous Decomposition Products hydrogen sulfide gas
Hazardous Polymerization will not occur

SECTION 6 SPECIAL PROTECTION

Respiratory Protection Not needed under normal conditions of use. NIOSH approved respirator if hydrogen sulfide levels exceed ACGIH TLV of 14 mg/m³. Consult respirator manufacturer for appropriate type.
Ventilation local mechanical as needed
Eye Protection chemical splash goggles
Protective Gloves rubber
Other Protective Equipment emergency eye wash station, safety shower, long-sleeved shirt, long pants, and rubber apron and boots

SECTION 7 SPILL OR LEAK

Steps to be Taken in Case Material is Released or Spilled Clean up spills immediately. Small spills may be flushed to municipal sewer with large volumes of water. This pesticide is toxic to fish - do not allow spill to enter public waters. For large spills clean area with inert absorbent material and place into an approved DOT container for disposal. Then flush spill area with large amounts of water. Wear adequate protective clothing and equipment. Provide adequate ventilation.
Reportable Quantity not applicable
Waste Disposal Method Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. 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 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). 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 wear contact lenses when working with chemicals. Always practice good housekeeping when handling and storing any chemicals.