MATERIAL SAFETY DATA SHEET

Emergency Phone: 800-424-9300 (CHEMTREC) Date: February 1, 1989

PRODUCT NAME: Algicide A-5

Formula: Mixture; (see ingredients below)

Chemical Type: Algicide, hydrocarbon solvent, mixture.

HMIS RATINGS: Health-3 Flammability-2 Reactivity-1 Protection-H

DOT Shipping Name: Corrosive Liquid, n.o.s. (2-(Thiocyanomethylthio)-benzothiazole, Methylene bis(thiocyanate)), UN1760. Label: Corrosive

HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>%</th>
<th>TWA</th>
<th>CARCINOGEN (OSHA, NTP, IARC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-(Thiocyanomethylthio)benzothiazole (CAS No. 21564-17-0)</td>
<td>2.5</td>
<td>none</td>
<td>no</td>
</tr>
<tr>
<td>Methylene bis(thiocyanate) (CAS No. 6317-18-6)</td>
<td>2.5</td>
<td>none</td>
<td>no</td>
</tr>
<tr>
<td>Aromatic Hydrocarbon Solvent Proprietary Additives</td>
<td>n/av</td>
<td>100 ppm</td>
<td>no</td>
</tr>
</tbody>
</table>

CHEMICAL AND PHYSICAL PROPERTIES

Appearance: Light amber liquid
Odor: Slight
pH: 11.5
Water Solubility: Dispersible
Viscosity, Cp @ 25°C: n/a

Boiling Pt.: >212°F
Melting Point: n/a
Spec. Gravity (H²O=1): 0.96
Vapor Pressure (mm Hg): n/a

FIRE AND EXPLOSION HAZARDS

Flash Point (Method): 158°F, TCC
Explosion Limits: Upper n/a Lower n/a

Extinguishing Media: Water fog, foam, CO₂, dry chemicals.

Special Firefighting Procedures and Hazards: Avoid skin and eye contact. Wear head and body protection if exposure is possible. Treat as combustible liquid.

REACTIVITY INFORMATION

Stable: X Unstable: Precautions: n/a
Incompatibility: None known.
Hazardous Decomposition Products: when burned: CO₂, CO, hydrocarbons, SO₂, NO.
Hazardous Polymerization Occurs: Does Not Occur: X
HEALTH HAZARDS - PROTECTIVE MEASURES - FIRST AID

Inhalation: Inhaled mists are highly toxic and possibly corrosive to membranes. Wear approved liquid mist respirator if exposure is likely. Remove to fresh air. Get prompt medical attention if effects persist.


Ingestion: May cause irritation and membrane burns. Possible toxic effects related to petroleum solvents. Wear face shield if needed. Avoid swallowing. Rinse mouth. Drink lots of water. Induce vomiting if conscious. Get medical attention.

Most likely routes of entry: Skin, Eyes.

Other Important Medical or Precautionary Information: None

PRECAUTIONS FOR SAFE HANDLING AND USE

Spills and Leaks: Take up small spills with absorbent, or flush down sewer with lots of water. Larger spills should be contained by diking or otherwise and collected for reuse or disposal. Do not discharge into fish-bearing waters. Avoid contact with skin or eyes. Response personnel should use eye and skin protection.

Storage and Handling: Do not expose to extreme temperatures. Keep containers closed when not in use. Check daily for any leaks from containers, vessels, pumps and piping, and remedy as necessary.

Waste Disposal: In accordance with applicable regulations. Is a RCRA hazardous waste.

Empty Containers: Triple rinse with water before handling and disposal. Follow label instructions.

Other Precautions: none

REGULATORY INFORMATION

Reportable for SARA Title III, S.313 (Form R): none

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