

MATERIAL SAFETY DATA SHEET

METRICIDE 28

Liquid Activator

1 - IDENTIFICATION

Manufacturer: Metrex Research Corporation
Address: 28210 Wick Road
City, State, Zip: Romulus, MI 48174
Telephone: 1-800-841-1428
Emergency: Chemtrec 1- 800-424-9300
Date Prepared: February 2007

2 - COMPOSITION INFORMATION

Hazardous Ingredients

This product contains no hazardous components as defined in the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Other Ingredients

	<u>CAS#</u>	<u>PEL</u>	<u>TLV</u>	<u>%</u>
Sodium Nitrite	7632-00-0	N/A	N/A	<1

3 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: N/A
Specific Gravity (H₂O = 1): 1.384
Vapor Pressure (mm Hg): N/D
Vapor Density (AIR = 1): N/A
Freezing/Melting Point: N/D
Solubility in Water: 100%
Appearance and Odor: Clear green liquid
pH: 10.0 – 10.8

4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A
Flammable Limits: LEL: N/A UEL: N/A
Extinguishing Media: N/A
Special Fire Fighting Procedures: N/A
Unusual Fire and Explosion Hazards: N/A

5 - REACTIVITY DATA

Stability: Stable liquid
Conditions to Avoid: Avoid temperatures above 120 °F.
Incompatibility (Material to Avoid): Avoid strong oxidizing agents and contamination with water.
Hazardous Decomposition Byproducts: Oxides of carbon and sulfur.
Hazardous Polymerization: Will not occur

6 - HEALTH HAZARD DATA

Routes of Entry:

Skin: Mild to moderate irritation

Eyes: Direct contact with eyes can cause irritation or damage.

Inhalation: Low or mild irritation

Ingestion: Toxic

Carcinogenicity - NTP: No

IARC Monographs: No **OSHA Regulated Carcinogen:** No

7 - EMERGENCY FIRST AID PROCEDURES

Skin: Wash skin with soap and water.

Eyes: Flush with water for 15 minutes. If irritation persists, seek medical attention.

Inhalation: Remove to fresh air. If irritation persists, seek medical attention.

Ingestion: Do not induce vomiting. Give large amounts of water. Seek medical attention.

8 - PRECAUTIONS FOR SAFE HANDLING & USE

Steps to be taken in case material is released or spilled: Absorb material with sponge, mop or towel. Rinse and flush with large quantities of water.

Waste Disposal Method: Flush thoroughly with water into sewage disposal system in accordance with federal, state, and local regulations.

Precautions to be taken in Handling and Storing: Keep in cool place. Use in well-ventilated area.

Other Precautions: Keep out of reach of children. Do not ingest. Avoid skin and eye contact. Long exposure of material to heat and/or humidity may reduce product's effectiveness.

9 - CONTROL MEASURES

Respiratory Protection: None required under normal conditions.

VENTILATION:

Local Exhaust: N/A

Mechanical (General): Should be sufficient

Protective Gloves: Butyl rubber, nitrile rubber, polyethylene or double-gloved latex

Eye Protection: Safety glasses

Work/Hygiene Practices: Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure.

10 - TRANSPORTATION INFORMATION

Not regulated.

11 - SPECIAL INFORMATION

HMS (Hazardous Material Identification System) Rating:

H1 F0 R0

[HMS Hazard Index: 4 – Severe Hazard; 3 – Serious Hazard;

2 – Moderate Hazard; 1 – Slight Hazard; 0 – Minimum Hazard]

Note: This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and is to be used only for this product. The information contained in this MSDS is, to the best of our knowledge, believed to be accurate.