



P.O. Box 195, Brownsburg, IN 46112
 Ph: 317-852-8966
Emergency Telephone No: 800-535-5053

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Product Name or Chemical Name.....**30**
 Synonyms.....N/A
 Chemical Family.....Biocide
 NFPA – Health Hazard.....3
 Fire Hazard.....1
 Reactivity Hazard.....1
 NFPA Scale.....4=Extreme 3=High 2=Moderate 1=Slight 0=Insignificant

II. HAZARDOUS INGREDIENTS

Chemical Name(s)	CAS Number	% Wt	TLV-TWA	PEL	SEC.313	Carcinogen?
Potassium N-Methyldithiocarbamate	137-41-7	<7	NE	NE	Yes	No
Disodium Cyanodithioimidocarbonate	138-93-2	<5	NE	NE	Yes	No

III. SHIPPING DATA

DOT Proper Shipping Name:.....N/A
 DOT Hazard Class.....N/A
 DOT Labels Required.....N/A
 UN/NA ID Number.....N/A
 Packaging Group.....N/A
 Non-Bulk Shipping Name.....Compound, Industrial Process Water Treatment, Liquid
 Bulk Shipping Name.....Same

IV. PHYSICAL DATA

Boiling/Freezing Point @760 mmHg.....212°F (100°C)/ 32°F (0°C)
 pH.....11.5
 Vapor Pressure mmHg @20°C.....ND
 Vapor Density (Air=1).....>1
 Percent Volatile by Weight (%).....85
 Specific Gravity @20°C.....1.067
 Solubility in Water.....Completely miscible
 Evaporation Rate.....(Water=1) <1
 Appearance and Odor.....Clear red-orange liquid with pungent sulfide odor.

V. FIRE & EXPLOSION HAZARD DATA

Flash Point (Test Method).....>212°F (100°C)
 Autoignition Temperature.....N/A
 Flammability Limits in Air (% V).....N/A
 Extinguishing Media.....Water fog, carbon dioxide, foam, dry chemical
 Special Fire Fighting Procedures.....Wear self-contained breathing apparatus and full protective clothing.
 Unusual Fire & Explosion Hazards.....Water spray may be used to cool containers.

VI. REACTIVITY DATA

Product Stability.....Stable
 Conditions to Avoid.....N/A
 Chemical Incompatibility.....Strong acids, strong oxidizers
 Hazardous Decomposition Products.....Carbon disulfide, hydrogen sulfide, methylamine, methylisothiocyanate
 Hazardous Polymerization.....Will not occur



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VII. HEALTH HAZARD DATA

- Skin ContactIrritant. Severity of irritation will depend upon length of exposure, solution concentration and first aid measures. Expected to be a skin sensitizer.
- Eye ContactCorrosive. Moderate to severe depending upon the length of exposure, solution concentration and first aid measures.
- InhalationMay cause irritation or corrosion of mucous membranes and the lungs.
- IngestionNot an expected route of exposure.

VIII. EMERGENCY AND FIRST AID PROCEDURES

- Skin.....Remove contaminated clothing and flush exposed skin with soap and water. If irritation persists or develops, get medical attention. Launder contaminated clothing before reuse.
- Eyes.....Immediately flush eyes with large amounts of water for 15 minutes and get medical attention.
- IngestionIf swallowed, DO NOT INDUCE VOMITING. Get medical attention immediately. Never give anything by mouth to an unconscious person.
- InhalationMove to fresh air. Aid in breathing, if necessary, and get medical attention.

IX. ENVIRONMENTAL DATA

- Spill or Leak Procedures Avoid skin contact. Spills should be absorbed with sawdust or sand and disposed of in sanitary landfill. Material is toxic to fish. Do not discharge into waterways.
- Waste Disposal..... Pesticide. Improper disposal of pesticide wastes is a violation of federal law. Dispose of in accordance with all federal, state and local regulations.
- Hazardous Water 40CFR261..This product is an EPA registered pesticide. Contact the regional office of the EPA for guidance in proper disposal.
- Container Disposal Empty containers may contain residuals. Thoroughly clean, then offer for recycling, reuse, or disposal in accordance with governmental regulations. See product label.

X. SPECIAL PROTECTION INFORMATION

- Respiratory Protection NIOSH/MSHA approved can or cartridge respirator for gas and vapor as needed to maintain P.E.L.
- Ventilation Local and/or mechanical exhaust to maintain exposure below P.E. L.
- Protective Clothing Neoprene gloves, full chemical suit, boots – as necessary to prevent skin contact.
- Eye Protection Chemical goggles and/or full face shield.
- Other Precautions..... Safety shower and eyewash fountains should be easily accessible.

XI. SUPPLIER INFORMATION

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of manufacturer. The data on this sheet relates only to the specific material designated herein. Manufacturer assumes no legal responsibility for use or reliance upon this data.

N/A = Not Available

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