TREXCIDE 450

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MSDS ID: 04453

# I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: TREXCIDE 450

Product Descriptor: COOLING WATER BIOCIDE

MANUFACTURER: JOHNSONDIVERSEY, INC. EMERGENCY PHONE NUMBER: (800)851-7145

> 3630 E. KEMPER ROAD CINCINNATI, OH. 45241

II. HAZARDOUS COMPONENTS			
Component Name	CAS Number	%	Exposure Limits Units
DIETHYLENE GLYCOL MONOMETHYL ETHER	111-77-3	1 - 5%	None established
METHYLENE BIS(THIOCYANATE) PARTICULATES NOT OTHERWISE REGULATED (PNOC)	6317-18-6 PROPRIETARY		None established TLV 10(Tot.Dust) mg/m3
2-(THIOCYANOMETHYLTHIO) BENZOTHIAZOLE	21564-17-0	5 - 15%	None established

#### III. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW:

CORROSIVE MATERIAL - Causes severe burns to skin and eyes. Harmful if swallowed. Do not contact eyes, skin or clothing. Avoid breathing any dust, spray mist or vapors in spill area. Wash thoroughly after handling product. Wear eye protection, clothing and footwear to prevent skin contact. POSSIBLE ROUTES OF ENTRY: Ingestion; Skin contact/absorption;

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE:

EYES: Severe burns, tissue damage, or irritation with pain, swelling, blurred or impaired vision, blindness. SKIN: Severe burns, tissue destruction, blisters or rash with swelling and pain. INGESTION: May be fatal. Severe burns to mouth and throat may result with pain, gastric perforation and difficulty in swallowing or breathing. INHALATION: Dust, spray or mists may cause burns or irritation.

CHRONIC: May cause irritant or allergic dermatitis in a sensitive individual. MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Dermatitis, sensitive skin, pulmonary function and asthma.

TARGET ORGAN(S) OF CHEMICAL HAZARD(S): Eyes, skin and respiratory tract.

### IV. FIRST AID MEASURES

Immediately flush eyes with plenty of water for at least 15 **EYES:** 

minutes. Hold eyelids apart to completely flush all chemicals from entire eye surface. Get immediate medical attention.

SKIN: Promptly flush skin with plenty of water for at least 15 minutes

while removing contaminated clothing and footwear. Launder

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# IV. FIRST AID MEASURES (Cont.)

contaminated clothing and discard or thoroughly clean shoes before reuse. Get medical attention for painful, red or injured skin

areas.

INGESTION: If swallowed, rinse mouth with water. Dilute by drinking several

glasses of water. DO NOT induce vomiting. If patient vomits, rerinse mouth. Get immediate medical attention. NOTE: Never

give fluids by mouth to an unconscious person.

INHALATION: If inhaled, move to fresh air. If patient is not breathing, give artificial respiration. If breathing is difficult, give oxygen

under the direction of trained personnel or a physician. Get

immediate medical attention.

### V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): NA FLAME EXTENSION: N/A FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: NA UEL: NA

UNUSUAL FIRE OR EXPLOSIVE HAZARDS: Toxic fumes or vapor may form during fire.

EXTINGUISHING MEDIA: Water spray, CO2, foam or dry powder.

FIRE FIGHTING INSTRUCTIONS: Wear full protective gear and positive pressure

breathing apparatus (SCBA) in fire area.

SPECIAL INSTRUCTIONS: None required.

### VI. ACCIDENTAL RELEASE MEASURES

## IF MATERIAL IS RELEASED OR SPILLED:

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office of Guidance. This product does not contain a reportable quantity (RQ) under CERCLA.

# VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: Keep container closed. If frozen, thaw and mix to make usable. Do not pressure container to empty. Keep away from alkalis and chlorinated products.

## VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Chemical goggles if contact or splash hazard exists. PROTECTIVE GLOVES: Acid resistant.

RESPIRATORY PROTECTION: Product does not have any established exposure limits. NIOSH/MSHA approved respirator recommended in enclosed or confined spaces where high air concentration or long exposure may occur.

OTHER PROTECTIVE CLOTHING/EQUIPMENT: Long sleeved shirt and clothing to cover exposed skin if contact hazard exists.

ENGINEERING CONTROLS:

VENTILATION: Good general ventilation should be sufficient to control airborne levels.

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# IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Light yellow powder; slight organic odor.

BOILING POINT (DEG F): NA FREEZING POINT: NA

SPECIFIC GRAVITY/BULK DENSITY: 1.08g/CM3

ph: NA ph 1% SOLUTION: 5.4

VOLATILE BY VOLUME: NA

SOLUBILITY IN WATER: Dispersable

VAPOR PRESSURE(mmHg): NA at NA VAPOR DENSITY: NA

# X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable.

INCOMPATIBILITY WITH OTHER MATERIALS: Acids; Alkalis; Oxidizing agents HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms; oxides of sulfur; oxides of nitrogen; oxides of carbon; Cyanide salts are formed when product contacts strong alkali. Thermal decomposition generates hydrogen cyanide and sulfur dioxide.

HAZARDOUS POLYMERIZATION: May occur if stored above 140 F.

### XI. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL TESTING: No data available.

TOXICITY TEST DATA: No data available.

## XII. ECOLOGICAL INFORMATION

ECOTOXICITY TEST DATA:

No data available.

ENVIRONMENTAL FATE: No data available.

# XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Not RCRA Regulated Hazardous Waste.

PESTICIDE WASTES ARE TOXIC. Improper disposal of excess pesticide or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for Guidance. DO NOT contaminate water, food or feed by storage or disposal or cleaning of equipment. Dispose of unused, uncontaminated product in compliance with local, state and federal regulations.

## XIV. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

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# XV. REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA: All ingredients in this product are on TSCA inventory.

HAPS: Contains no hazardous air pollutants.

VOC CONTENT (EPA Method 24A): % VOC: NA Lb/Gal VOC: NA

CERCLA/EPCRA:

Section 313 Toxic Chemicals:

None

SARA Section 311/312:

ACUTE:YES CHRONIC:NO FIRE:NO REACTIVITY:NO

SUDDEN RELEASE OF PRESSURE:NO

LISTED CARCINOGEN: None

NTP: No IARC: No OSHA: No

HMIS RATINGS: HEALTH: 3 FIRE: 1 REACTIVITY: 1

PERSONAL PROTECTIVE EQUIPMENT: E

NFPA RATING: HEALTH: 3 FIRE: 1 REACTIVITY:1 SPECIAL:TOXIC

STATE RIGHT-TO-KNOW INFORMATION:

DIETHYLENE GLYCOL MONOMETHYL ETHER - CAS #111-77-3

2-(THIOCYANOMETHYLTHIO) BENZOTHIAZOLE - CAS #21564-17-0

METHYLENE BIS(THIOCYANATE) - CAS #6317-18-6

PARTICULATES NOT OTHERWISE REGULATED - CAS #PROPRIETARY

CALIFORNIA PROPOSITION 65:

None of the ingredients are on the California proposition 65 list.

## XVI. OTHER INFORMATION

Disclaimer: The information contained in this material safety data sheet is based on the knowledge of this specific product and current national legislation. It applies to the product as sold, use dilutions may be less hazardous. It may not be valid for this material if used in combination with any other materials or in a process. It is the user's responsibility to evaluate the handling, and use.