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**MATERIAL SAFETY DATA SHEET**

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Page 1 of 4  
Revised 2/02/04  
Replaces 8/12/03  
Printed 2/03/04

**TREXIDE 380****MSDS ID: 04696**

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**I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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Product Name: TREXIDE 380

Product Descriptor: Broad spectrum microbiocide

MANUFACTURER: JOHNSON DIVERSEY, INC.

EMERGENCY PHONE NUMBER: (800) 851-7145

3630 E. KEMPER ROAD

CINCINNATI, OH. 45241

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**II. HAZARDOUS COMPONENTS**

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| Component Name | CAS Number | %    | Exposure Limits | Units |
|----------------|------------|------|-----------------|-------|
| SODIUM BROMIDE | 7647-15-6  | >30% | None est.       |       |

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**III. HAZARDS IDENTIFICATION**

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**EMERGENCY OVERVIEW:**

WARNING-Product contains irritating or harmful chemicals which may cause eye or skin irritation or burns. May be harmful if swallowed. Do not get product in eyes, on skin or clothing. Wear eye protection and rubber gloves to prevent skin contact when handling product. Wash after handling. Avoid breathing dust, vapors or product spray. Contain spill and runoff to prevent direct discharge to soil or surface waters.

POSSIBLE ROUTES OF ENTRY: Ingestion, Skin and Inhalation.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

ACUTE: EYES: Causes eye irritation. Avoid contact with eyes. SKIN: Causes skin irritation. Avoid contact with skin. INGESTION: Irritating to nose and throat. Avoid breathing vapors.

CHRONIC: Same as Acute Effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Dermatitis and sensitive skin.

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

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**IV. FIRST AID MEASURES**

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EYES: IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

SKIN: IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

INGESTION: If swallowed, promptly drink a large quantity of water. Avoid alcohol. Get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air. If breathing difficulties continue, get medical attention.

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Page 2 of 4  
Revised 2/02/04  
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V. FIRE FIGHTING MEASURES

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FLASH POINT (degrees F): NONE FLAME EXTENSION: N/A  
FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: ND UEL: N/A  
UNUSUAL FIRE OR EXPLOSIVE HAZARDS: None known.  
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: Contain runoff. Prevent from entering sewer or storm drain.

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VI. ACCIDENTAL RELEASE MEASURES

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IF MATERIAL IS RELEASED OR SPILLED:  
Contain spilled product. Wear protective clothing. Soak up liquid with a commercial absorbant or sand. Sweep up or shovel into chemical waste container and dispose of in accordance with governmental regulations. Flush area with water.  
This product does not contain a reportable quantity (RQ) under CERCLA.

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VII. HANDLING AND STORAGE

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HANDLING AND STORAGE PRECAUTIONS: Store in a cool, dry area. Keep from freezing. If frozen, warm to thaw and mix for use. Keep container closed when not in use. Wear protective gear when handling or using. Do not pressurize container to empty.

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VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

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EYE/FACE PROTECTION: Safety glasses with side shields. Eye wash in use area if contact or splash hazard exists.  
PROTECTIVE GLOVES: Rubber, Latex, Neoprene, PVC.  
RESPIRATORY PROTECTION: Product does not have any established exposure limits. Wear a positive pressure air supplied respirator in enclosed or confined spaces where high air concentration or long exposure may occur.  
OTHER PROTECTIVE CLOTHING/EQUIPMENT: Eyewash and safety shower in area if contact or splash hazard exists.  
ENGINEERING CONTROLS:  
MECHANICAL VENTILATION: Normal room ventilation should be sufficient to control airborne levels.  
LOCAL VENTILATION: Not usually required.

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IX. PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE AND ODOR: Colorless, odorless liquid.

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|-------------------------------------|--------------------------------|
| BOILING POINT (DEG F): 218 F        | FREEZING POINT: Not determined |
| SPECIFIC GRAVITY/BULK DENSITY: 1.39 |                                |
| pH: 7.0                             | pH 1% SOLUTION: ND             |
| VOLATILE BY VOLUME: ND              |                                |
| SOLUBILITY IN WATER: Miscible       |                                |
| VAPOR PRESSURE(mmHg): 17.5 at 20C   | VAPOR DENSITY: ND              |

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MATERIAL SAFETY DATA SHEET

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Page 3 of 4  
Revised 2/02/04  
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TREXCODE 380

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X. STABILITY AND REACTIVITY

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CHEMICAL STABILITY: Product stable.

INCOMPATIBILITY WITH OTHER MATERIALS: Strong acids, strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: If strongly overheated, may release hydrogen bromide and/or bromine.

HAZARDOUS POLYMERIZATION: None known.

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XI. TOXICOLOGICAL INFORMATION

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No data available.

TOXICITY TEST DATA:

No data available.

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XII. ECOLOGICAL INFORMATION

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ECOTOXICITY DATA: This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluents containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

ECOTOXICITY TEST DATA: No data available.

ENVIRONMENTAL FATE: No data available.

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XIII. DISPOSAL CONSIDERATIONS

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RCRA REGULATED: Not Regulated.

Triple rinse container with cold water. Dispose of in accordance with federal, state and local regulations. Do not reuse container.

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XIV. TRANSPORT INFORMATION

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

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XV. REGULATORY INFORMATION

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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: 0.0% Lb/Gal VOC: 0.0%

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: 1 FIRE: 0 REACTIVITY: 0

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MATERIAL SAFETY DATA SHEET

Page 4 of 4  
Revised 2/02/04  
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XV. REGULATORY INFORMATION (Cont.)

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PERSONAL PROTECTIVE EQUIPMENT: B

NFPA RATING: HEALTH: 1 FIRE: 0 REACTIVITY:0 SPECIAL:---

STATE RIGHT-TO-KNOW INFORMATION:

SODIUM BROMIDE - CAS #7647-15-6

WATER - CAS #7732-18-5

CALIFORNIA PROPOSITION 65:

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

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XVI. OTHER INFORMATION

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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.