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**MATERIAL SAFETY DATA SHEET**

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Page 1 of 4  
Revised 3/01/04  
Replaces (None)  
Printed 3/04/04

**PROTEX-IT****MSDS ID: 11540**

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**I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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Product Name: PROTEX-IT  
Product Descriptor: Oxidant Scavenger and Anti-Scalant  
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 |
|----------------|------------|---|-----------------|-------|
| -----          |            |   |                 |       |
| None           |            |   |                 |       |

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**III. HAZARDS IDENTIFICATION**

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EMERGENCY OVERVIEW:  
CAUTION: May be mildly irritating to eyes. May be mildly irritating to skin.  
POSSIBLE ROUTES OF ENTRY: None known.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

ACUTE: EYES: May be mildly irritating to eyes. SKIN: May be mildly irritating to skin. INHALATION: None known. INGESTION: None known.

CHRONIC: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Persons with pre-existing skin disorders may be more susceptible to irritating effects.

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

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**IV. FIRST AID MEASURES**

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EYES: Flush immediately with plenty of water. Get medical attention if irritation occurs.  
SKIN: Flush immediately with plenty of water. If irritation persists, get medical attention.  
INGESTION: Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person. Get medical attention.  
INHALATION: If breathing is affected, remove to fresh air. Get medical attention.

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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: N/A UEL: N/A  
UNUSUAL FIRE OR EXPLOSIVE HAZARDS: None known.  
EXTINGUISHING MEDIA: Water, water spray, CO2, foam or dry powder.  
FIRE FIGHTING INSTRUCTIONS: Wear full protective gear and positive pressure breathing apparatus (SCBA) in fire area.

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**V. FIRE FIGHTING MEASURES (Cont.)**

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SPECIAL INSTRUCTIONS: None required.

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**VI. ACCIDENTAL RELEASE MEASURES**

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IF MATERIAL IS RELEASED OR SPILLED:

Contain spill. Wear protective clothing. Soak up or absorb liquid on suitable absorbent material. Collect and place in chemical waste container. Dispose of in accordance with local, State and Federal regulations. Flush spill 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: Avoid contact with eyes and skin. FOR COMMERCIAL & INDUSTRIAL USE ONLY Protect from freezing. Store in a dry, cool and well-ventilated area. KEEP OUT OF REACH OF CHILDREN.

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**VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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EYE/FACE PROTECTION: Safety glasses with side shields.

PROTECTIVE GLOVES: Chemical resistant gloves. Includes: Neoprene gloves.

RESPIRATORY PROTECTION: Not normally required.

OTHER PROTECTIVE CLOTHING/EQUIPMENT: No special protective clothing is required.

ENGINEERING CONTROLS:

VENTILATION: No special ventilation requirements. General room ventilation is adequate.

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**IX. PHYSICAL AND CHEMICAL PROPERTIES**

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APPEARANCE AND ODOR: GREEN LIQUID

BOILING POINT (DEG F): 212

FREEZING POINT: N/D

SPECIFIC GRAVITY/BULK DENSITY: 1.05

pH: 3.7

pH 1% SOLUTION: 4.3

VOLATILE BY VOLUME: 90

SOLUBILITY IN WATER: Soluble

VAPOR PRESSURE(mmHg): N/D at N/D

VAPOR DENSITY: N/D

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**X. STABILITY AND REACTIVITY**

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CHEMICAL STABILITY: Product stable.

INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizing agents; Alkalies

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

HAZARDOUS POLYMERIZATION: None known.

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XI. TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL TESTING: No data available.

TOXICITY TEST DATA:

No data available.

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XII. ECOLOGICAL INFORMATION

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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.

Discharge diluted product to industrial sewer in accordance with discharge permit or local POTW regulations. Use product in container until empty. Rinse container with water. Recycle or dispose of container according to product labeling or governmental regulations.

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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 Lb/Gal VOC: 0

CERCLA/EPCRA:

Section 313 Toxic Chemicals:

None

SARA Section 311/312:

ACUTE:NO 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

PERSONAL PROTECTIVE EQUIPMENT: B

NFPA RATING: HEALTH: 1 FIRE: 0 REACTIVITY:0 SPECIAL:None

STATE RIGHT-TO-KNOW INFORMATION:

TRADE SECRET - NJ-TSRN-DL-00001

TRADE SECRET - NJ-TSRN-DL-00003

TRADE SECRET - NJ-TSRN-DL-00062

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.