

## BRIGHT TEST-LV

MSDS ID: 11001

## I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: BRIGHT TEST-LV

Product Descriptor: ACID CLEANER

MANUFACTURER: JOHNSON DIVERSEY, INC.  
3630 E. KEMPER ROAD  
CINCINNATI, OH. 45241

EMERGENCY PHONE NUMBER: (800) 851-7145

## II. HAZARDOUS COMPONENTS

| Component Name          | CAS Number | %       | Exposure Limits  | Units |
|-------------------------|------------|---------|------------------|-------|
| ALKYL POLYETHOXY GLYCOL | 68154-97-2 | 1 - 5%  | None established |       |
| MONOETHANOLAMINE        | 141-43-5   | 1 - 5%  | TWA 7.5 STEL 15  | MG/M3 |
| OXALIC ACID             | 144-62-7   | 5 - 15% | TWA 1 STEL 2     | MG/M3 |

## 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: Inhalation and ingestion.

## SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: EYES: Severe burns or irritation with pain, redness, swelling, and blurred or impaired vision. SKIN: Severe irritation or burns with rash, redness, pain or itching. INGESTION: Burns or irritation to mouth, throat with pain, nausea and vomiting. INHALATION: Spray or mist may cause respiratory irritation, along with headache and nausea.

CHRONIC: Same as acute effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Dermatitis, sensitive skin, pulmonary function and asthma.

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

## IV. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids apart to completely flush all chemicals from entire eye surface. Get immediate medical attention.

SKIN: Flush thoroughly with plenty of water. Wash with mild soap and water. Remove contaminated clothes and shoes and clean before reuse. Get medical attention for any painful, red or injured skin.

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

BRIGHT TEST-LV

MSDS ID: 11001

## IV. FIRST AID MEASURES (Cont.)

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): None FLAME EXTENSION: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: N/E UEL: N/E

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

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.

SPECIAL INSTRUCTIONS: Spilled product may cause slippery surface and fall hazard.

## VI. ACCIDENTAL RELEASE MEASURES

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.

## 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. Face shields.

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: Rubber boots and chemical resistant apron if contact or splash hazard exists. Eyewash and safety shower in area if contact or splash hazard exists.

ENGINEERING CONTROLS:

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

BRIGHT TEST-LV

MSDS ID: 11001

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IX. PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE AND ODOR: Hazy, odorless liquid, mild odor.

|                                     |                       |
|-------------------------------------|-----------------------|
| BOILING POINT (DEG F): 212 F        | FREEZING POINT: <32 F |
| SPECIFIC GRAVITY/BULK DENSITY: 1.05 |                       |
| pH: 2.0                             | pH 1% SOLUTION: N/A   |
| VOLATILE BY VOLUME: 85%             |                       |
| SOLUBILITY IN WATER: Soluble        |                       |
| VAPOR PRESSURE(mmHg): 17.5 at 20 C  | VAPOR DENSITY: 17.3   |

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X. STABILITY AND REACTIVITY

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CHEMICAL STABILITY: Product Unstable.  
INCOMPATIBILITY WITH OTHER MATERIALS: Chlorine and chlorinated compounds;  
Alkalies  
HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms; oxides of  
carbon  
HAZARDOUS POLYMERIZATION: None known.

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XI. TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL TESTING: Available toxicology test data for the product as  
listed below.

## TOXICITY TEST DATA:

## ALCOHOL ETHOXYLATE:

Acute Oral LD50 (rat) - 3.2 gm/kg  
Acute Dermal LD50 (rabbit) - 72 gm/kg

## Monoethanolamine:

Acute Oral LD50 (rat) - 1-2 gm/kg  
Acute Dermal LD50 (rabbit) - 1.0 gm/kg  
Irritation, Eyes (rabbit) - corrosive (Draize 6.5-8.0/8.0)  
Irritation, Skin (rabbit) - extremely irritating (Draize 80-110/110)

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XII. ECOLOGICAL INFORMATION

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Toxicological testing has not been performed on the product. Listed below is  
the available toxicology test data for components of the product.

## ECOTOXICITY TEST DATA:

Alkoxylated Fatty Alcohol (CAS# 69227-21-0):

Acute LC50 (96 hr) Fathead Minnow 1.55 ppm

ENVIRONMENTAL FATE: No data available.

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XIII. DISPOSAL CONSIDERATIONS

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RCRA REGULATED: Product is considered to be D002 - Corrosive if declared  
hazardous waste.Spent or excess product is hazardous waste. Do not discharge to sewer or  
environment. Arrange disposal through a licensed disposal company or treat by  
special Waste Disposal Sheet. Recycle or dispose of containers by product  
labeling or governmental regulations.

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MATERIAL SAFETY DATA SHEET

Page 4 of 4  
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**BRIGHT TEST-LV**

**MSDS ID: 11001**

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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: None

VOC CONTENT (EPA Method 24A): % VOC: 3.8% Lb/Gal VOC: 0.33

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: 0 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: D

NFPA RATING: HEALTH: 3 FIRE: 0 REACTIVITY: 0 SPECIAL: Acid

STATE RIGHT-TO-KNOW INFORMATION:

WATER - CAS #7732-18-5

ALCOHOL ETHOXYLATE - CAS #69227-21-0

OXALIC ACID - CAS #144-62-7

MONOETHANOLAMINE - CAS #141-43-5

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.