

# DEZOVALL

## SECTION I

CR10

HARVARD CHEMICAL RESEARCH  
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DATE: 10/10/11

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## SECTION II HAZARDOUS INGREDIENTS/INFORMATION

HAZARDOUS COMPONENTS	CAS#	OSHA / PEL	ACGIH / TLV	OTHER / STEL	SK
2-BUTOXYETHANOL	111-76-2	50 ppm	25 ppm	25 ppm	
ISOPROPANOL	67-63-0	400PPM	400PPM		*

## SECTION III -PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: <212°

Vapor Pressure (mm Hg): ND

Vapor Density (Air=1): >1

Solubility in Water: miscible

Appearance and odor: Clear liquid with orange odor.

Specific Gravity (H2O=1): 1.00

pH: 7.8 (25% Solution)

Evaporation Rate:(Butyl Acetate=1) >1

## SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):> 120F (COC)

Flammable Limits: LEL: N/D

UEL: N/D

Extinguishing Media: Use water spray or fog, foam, dry chemical or carbon dioxide.

Special Fire Fighting Procedures: Fumes produced under fire conditions are toxic and irritating.

Explosion Hazards: Heated drums may explode.

## SECTION V-REACTIVITY DATA

Stability: Stable

Incompatibility (Materials to Avoid): Oxidizers or strong acids.

Hazardous Decomposition or Byproducts: Carbon dioxide, carbon monoxide, and unidentified organic compounds may be formed during combustion.

Hazardous Polymerization: Will not occur.

## SECTION VI-HEALTH HAZARD DATA

Health Hazards (Acute and Chronic): NONE KNOWN

Routes of Entry, Signs of Exposure, and Symptoms of Exposure:

SKIN and EYES: Severe irritant to eyes.

INHALATION: Irritation and difficulty in breathing

INGESTION: Gastric pain and vomiting.

Medical Conditions Generally Aggravated by Exposure: Unknown

Carcinogenic: NONE

Emergency and First Aid Procedures:

SKIN & EYE CONTACT: Rinse skin with clear water.

For eye contact immediately flush with clear running water for 15 minutes. Get medical attention.

INHALATION: Remove to fresh air. If breathing does not return to normal, get medical attention.

INGESTION: Immediately drink large quantities of water. Get medical attention.

## SECTION VII-PRECAUTIONS FOR SAFE HANDLING AND USE

SPILLS: Large- Eliminate potential sources of ignition. Small- Soak up with noncombustible absorbent and place in drums for disposal. Flush area with water to remove trace residue; collect flush solutions for disposal.

Handling and Storing: Keep container closed when not in use. Keep away from oxidizing materials and away from flames.

Other Precautions: Keep this and all chemicals out of reach of children.

## SECTION VIII-CONTROL MEASURES

Respiratory Protection (Specify Type): Use NIOSH approved respirator as required to prevent overexposure. In accord with 29 CFR 1910.134, use either an atmosphere supplying or an air-purifying respirator for organic vapors.

Ventilation: Mechanical: Local Exhaust use explosion-proof ventilation as required to control vapor concentration.

Protective Gloves: Rubber or neoprene. Eye Protection: Chemical goggles.

Waterproof/Solvent Resistant Footwear: Do not wear tennis shoes or other porous or fabric footwear while applying this product, as the product will saturate them and may burn your skin. Wear water/solvent proof boots and keep your feet out of the product.

## SECTION IX-ADDITIONAL INFORMATION