

DEZOVALL

SECTION I

HARVARD CHEMICAL RESEARCH
3595 ZIP INDUSTRIAL BLVD
ATLANTA, GA 30354

DATE: 10/10/05

Phone:

INQUIRY- (404) 761-0657

EMERGENCY- (800) 424-9300

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