

DE-ZOV-ALL

SECTION I

HARVARD CHEMICAL RESEARCH
P.O. BOX 16458
ATLANTA, GA 30321
Date: 02-09-98
Phone:

INQUIRY- (404) 761-0657
EMERGENCY- (800) 424-9300

HEALTH	1	0=Least
FLAMMABILITY	1	1=Slight
REACTIVITY	0	2=Moderate
		3=High
		4=Extreme

SECTION II HAZARDOUS INGREDIENTS/INFORMATION

HAZARDOUS COMPONENTS	CAS#	OSHA / PEL	ACGIH / TLV	OTHER / STEL	SK
2-BUTOXYETHANOL	111-76-2	25 ppm	25 ppm	25 ppm	*

NOTE: AN '*' UNDER 'SK' (SKIN) INDICATES THAT OSHA REQUIRES SKIN PROTECTION TO PREVENT OR REDUCE EXPOSURE TO THIS INGREDIENT.

SECTION III -PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: ND	Appearance and odor: Clear liquid with orange odor.
Vapor Pressure (mm Hg): ND	Specific Gravity (H20=1): 0.920
Vapor Density (Air=1): ND	Melting Point: NA
Solubility in Water: EMULSIFIABLE	Evaporation Rate:(Butyl Acetate=1) ND

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):> 300 F (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
Carcinogenics: 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

ENVIRONMENTAL

BIODEGRADABILITY: BIODEGRADABLE.

SARA TITLE III REPORTING REQUIREMENTS

SECTION 302, 304	REPORTING NOT REQUIRED
311, 312	REPORTING REQUIRED FOR INVENTORY ABOVE TPQ.
313	REPORTING MAY BE REQUIRED FOR INVENTORY ABOVE TPQ FOR 2-BUTOXYETHANOL .
CERCLA	SAME AS SECTION 304