

HANDISEP**SECTION I**

HARVARD CHEMICAL RESEARCH
P.O. BOX 16458
ATLANTA, GA 30321

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

Date: 11/11/01
 Phone:

INQUIRY- (404) 761-0667
 EMERGENCY- (800) 424-0300

SECTION II HAZARDOUS INGREDIENTS/INFORMATION

HAZARDOUS COMPONENTS	CAS#	OSHA / PEL	ACGIH / TLV	OTHER / STEL
4-Chloro-3, 5-Xylenol	88-04-1	15 MG/M ³	10 MG/M ³	

SECTION III -PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 212°F	Appearance and odor: Pink liquid with clean odor.
Vapor Pressure (mm Hg): ND	Specific Gravity (H ₂ O=1): 1.03
Vapor Density (Air=1): >1	Melting Point: NA
Solubility in Water: COMPLETE	Evaporation Rate:(Butyl Acetate=1) <1

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): NONE	Flammable Limits: LEL: N/A	UEL: N/A
Extinguishing Media: Carbon dioxide, dry chemical, or alcohol foam.		
Special Fire Fighting Procedures: NONE		
Explosion Hazards: NONE		

SECTION V-REACTIVITY DATA

Stability: Stable
 Incompatibility (Materials to Avoid): Oxidizers or strong acids.
 Hazardous Decomposition or Byproducts: Heat, carbon dioxide, and carbon monoxide.
 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: Irritant 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: Dilute with water and flush to sanitary sewer.
Handling and Storing: Keep container closed when not in use. Do not freeze. Follow label instructions.
Other Precautions: Keep this and all chemicals out of the reach of children.

SECTION VIII-CONTROL MEASURES

Respiratory Protection (Specify Type): For exposure above established limits (see section II) use NIOSH/MSMA approved dust/mist mask.
Ventilation: Mechanical Recommended.
Protective Gloves: Rubber or neoprene.
Eye Protection: Chemical goggles with side shields.
Other Protective Clothing or Equipment: Draining safety shower and eye wash station.

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 TPO.
313	REPORTING MAY BE REQUIRED FOR USERS IN MANUFACTURING SECTOR.
CERCLA	SAME AS SECTION 304