



section 1 – Preparation / Product Information

manufactured for and supplied by:	telephone no: (330) 798-9300
Harwick Standard Distribution Corporation 60 South Seiberling Street P.O. Box 9360 Akron, OH 44305-0360	date prepared: July 29, 2004
	preparer: Health, Safety & Environment
	product use: Plasticizer

section 2 – Ingredients / Identity Information

components chemical identity/cas#	exposure limits			Toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
Glycol Ether CAS# Proprietary	Not Established				68-72
Mixed Ether Ester(s) CAS# Proprietary					28-32

section 3 – Physical / Chemical Characteristics

boiling point:	Not Determined	specific gravity:	1.035
freezing point:	Not Determined	pH:	Not Determined
vapor pressure (mm Hg):	Not Determined	odor threshold (ppm):	Not Determined
vapor density (AIR=1):	<0.1	coef. water/oil dist.:	Not Determined
solubility in water	Slight	evaporation rate:	Not Determined
appearance (physical state) and odor:		Liquid; Amber Odor; Solvent	

section 4 – Fire and Explosion Hazard Data

flash point (method):	>200° F (93.3°C) Setaflash closed cup
extinguishing media:	Use water spray, foam, sand, dry chemical.

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special fire fighting procedures: Wear self-contained breathing apparatus and protective clothing. If removal is possible move containers out of fire zone and cool containers with water spray. Avoid breathing smoke.

unusual fire and explosion hazards: High temperatures or when exposed to fire can cause closed containers to rupture due to a build up of internal pressure. Cool with water. During a fire, irritating and highly toxic gases and/or fumes may be generated during combustion or decomposition. Dried material can burn.

hmis rating: 1

hazardous combustion products: smoke, soot, toxic gases/irritating fumes

section 5 – Reactivity Data

stability **stable:**
 unstable:

conditions to avoid (cond. of reactivity): Keep away from heat and flames.

incompatibility (materials to avoid): Oxidizers

hazardous decomposition or byproducts: smoke, soot, toxic gases/irritating fumes
hazardous polymerization may occur:
 will not occur:

conditions to avoid: None known

hmis rating: 0

section 6 – Health Hazard Data

primary routes of exposure

inhalation <input checked="" type="checkbox"/>	skin contact <input checked="" type="checkbox"/>	eye contact <input checked="" type="checkbox"/>
skin absorption <input type="checkbox"/>	ingestion <input type="checkbox"/>	

health hazards

acute: Inhalation of vapor or mist may cause irritation to nose, throat and lungs. Also may cause headache, nausea, vomiting and dizziness. May be irritating to eyes or cause conjunctivitis.

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chronic: Prolonged or repeated skin contact may cause slight irritation. If ingested may be harmful if swallowed.

carcinogenicity
NTP

IARC

OSHA

signs and symptoms of exposure: See Health Hazards above

medical conditions generally aggravated by exposure: None known

hmis rating: 1

section 7 – First Aid Measures

emergency and first aid procedures

inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.

ingestion: Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep airway clear. Consult a physician.

skin contact: Wash with soap and water. Remove contaminated clothing and shoes. If irritation develops, consult a physician.

eye contact: Immediately flush with water for 15 minutes. If irritation develops, consult a physician.

section 8 – Precautions for Safe Handling and Use

steps to be taken in case material is released or spilled:

Evacuate personnel to safe areas. Ventilate the area. Floor may be slippery; use care to avoid falling. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, saw-dust). Sweep up or vacuum up spillage and collect in suitable container for disposal. CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

waste disposal method: In accordance with federal, state, and local regulations. Refer to Section 10.

precautions to be taken in handling and storing:

Vapors can be evolved when material is heated during processing operations. Protection, for types of ventilation required. Wash after handling and shower at end of work

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period. Avoid temperature extremes during storage; ambient temperature preferred. Keep from freezing – product stability may be affected. Store out of direct sunlight in a cool place. Keep containers tightly closed in a cool, well-ventilated place.

other precautions: CONTAINERS MAY BE HAZARDOUS EMPTY. Since emptied containers retain product residue follow all MSDS and label warnings even after container is emptied.

section 9 – Control Measures

respiratory protection (specify type): A NIOSH/MSHA approved respirator above PEL or TLV, and/or an organic vapor respirator for vapors or mists.

ventilation

local exhaust: Recommended to maintain PEL/TLV and vapors/mists.
mechanical (general): Recommended to maintain PEL/TLV and vapors/mists.

protective gloves: Impervious

eye protection: Chemical goggles with side shields

other protective clothing or equipment: Chemical resistant apron or other impervious clothing.
Eyewash station and safety shower, face-shield

work/hygienic practices: Wash thoroughly after handling, especially before eating, drinking, smoking and using restroom facilities. Launder contaminated clothing before re-use.

section 10 – Additional Information

special shipping information: Not DOT Regulated

TSCA Inventory Status:

Chemical components are listed on the TSCA inventory.

sara title III

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

Glycol Ether

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RCRA status

The following chemical components are listed under (40 CFR 261):

None known

SARA TITLE III: SECTION 311/312 Categorizations (40CFR 370): Acute Health Hazard

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