

### section 1 – Preparation / Product Information

**manufactured for and supplied by:** **Harwick Standard Distribution Corporation**  
**60 South Seiberling Street**  
**P.O. Box 9360**  
**Akron, OH 44305-0360**

**telephone no:** **(330) 798-9300**

**date prepared:** **March 11, 2003**

**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		
Hexaozatricosane CAS# 143-29-3	Not Established			LD50 rat/oral 1,746 mg/kg	95-99
Diethylene glycol monobutyl ether CAS #112-34-5	Not Established			LD50 rat/oral 5,600 mg/kg	1-5
Formaldehyde CAS #50-00-0	0.75ppm	0.3ppm		LD50 rat/oral 800 mg/kg	<0.1-1

### section 3 – Physical / Chemical Characteristics

**boiling point:** 373° F (189° C)      **specific gravity:** 0.97

**freezing point:** Not Determined      **pH:** Not Determined

**vapor pressure (mm Hg):** Not Determined      **odor threshold (ppm):** Not Determined

**vapor density (AIR=1):** Not Determined      **coef. water/oil dist.:** Not Determined

**solubility in water:** Insoluble      **evaporation rate:** Not Determined

**appearance (physical state) and odor:** Liquid; Amber  
Odor; Mild

### section 4 – Fire and Explosion Hazard Data

**flash point (method):** > 200° F

**extinguishing media:** Use water spray, foam, CO<sub>2</sub>, or dry chemical.

**special fire fighting procedures:** Wear self-contained breathing apparatus and protective clothing.

**unusual fire and explosion hazards:** Toxic fumes are generated when material is exposed to fire or fire conditions.

**hmis rating:** 1

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**medical conditions generally aggravated by exposure:** kidney and liver damage and blood changes.

**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:** Consult a physician.

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

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

**Note To Physician:** Glycol ethers can cause delayed liver and kidney damage.

### **section 8 – Precautions for Safe Handling and Use**

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

Keep spectators away. Ventilate the spill area. Contain spills immediately with inert materials (e.g. sand, earth). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal. CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

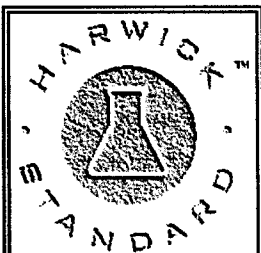
**waste disposal method:** In accordance with federal, state, and local regulations. Refer to Section 10.

#### **precautions to be taken in handling and storing:**

Vapors can be evolved when material is heated during processing operations. Material can emit trace amounts of formaldehyde if heated to temperatures above 225° F. Higher temperatures will increase the amount of formaldehyde evolved.

**other precautions:** Containers hazardous when empty. Improper disposal or re-use of this container may be dangerous. Avoid inhalation of smoke if incinerated.

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### 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

**other protective clothing or equipment:** Eyewash station and safety shower

**work/hygienic practices:** Wash thoroughly after handling especially before eating, drinking, smoking, and using restroom facilities.

### 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:

Diethylene glycol monobutyl ether CAS # 112-34-5 as glycol ether	1-5%
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#### **RCRA status**

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

None known

#### **California Proposition 65**

**WARNING:** This product contains a chemical(s) know to the State of California to cause cancer.

Formaldehyde  
CAS# 50-00-0

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