



### 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:** October 21, 2008

**preparer:** Health, Safety & Environment

**product use:** Plasticizer

### section 2<sub>[sc1]</sub> – Ingredients / Identity Information

components chemical identity/cas#	exposure limits			Toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
Diethyl hexyl phthalate (DEHP)  CAS #117-81-7	5mg/m <sup>3</sup>	5mg/m <sup>3</sup>	10mg/m <sup>3</sup> STEL	LD50 rat/oral >27000 mg/kg	60-100

### section 3 – Physical / Chemical Characteristics

<b>boiling point:</b>	725°F	<b>specific gravity:</b>	0.983
<b>freezing point:</b>	-58°F (-50°C)	<b>pH:</b>	Neutral
<b>vapor pressure (mm Hg):</b>	0.18 @ 200°C	<b>odor threshold (ppm):</b>	Not Determined
<b>vapor density (AIR=1):</b>	Not Determined	<b>coef. water/oil dist.:</b>	Not Determined
<b>solubility in water</b>	1.0 mg/l	<b>evaporation rate:</b>	Negligible
<b>appearance (physical state) and odor:</b>		Liquid; transparent	
		Odor; very faint	

### section 4 – Fire and Explosion Hazard Data

**flash point (method):** 419°F DIN 51758

**extinguishing media:** Dry powder, CO<sub>2</sub>, foam, water spray can be used to cool fire.

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

**unusual fire and explosion hazards:** CO<sub>x</sub>, oxides of nitrogen, other hazardous materials, and smoke are all possible.

**hmis rating:** 1

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**hazardous combustion products:** CO<sub>x</sub>

**section 5 – Reactivity Data**

**stability**                    **stable:**         [cp2]  
   **unstable:**    

**conditions to avoid (cond. of reactivity):**      Oxidizing agents and open flames

**incompatibility (materials to avoid):**            strong acids and oxidizing agents.

**hazardous decomposition or byproducts:**      CO<sub>x</sub>, oxides of nitrogen, other hazardous materials, and smoke are all possible.

**hazardous polymerization**                    may occur:      
   will not occur:

**conditions to avoid:**                                    None known

**hmis rating:** 0

**section 6 – Health Hazard Data**

**primary routes of exposure**

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

**health hazards**

**acute:**            Eye contact may cause an irritation. May be harmful if swallowed. Inhalation of airborne droplets may cause irritation to the respiratory tract.

**chronic:**            Ingestion may be dangerous to your health.

**carcinogenicity**

**NTP**     Anticipated human                    **IARC**     possible human                    **OSHA**          
Possible cancer hazard – may cause cancer based on animal data.

**signs and symptoms of exposure:**            See Health Hazards above.

**medical conditions generally aggravated by exposure:**      None known

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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:** Do not induce vomiting. Consult a physician.

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

**eye contact:** Remove contact lenses if applicable. 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:**

Product should not be allowed to enter drains, water courses or the soil. Should not be released into the environment. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, and sawdust). Package all material in appropriate container for disposal.

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

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

Heat only in areas with appropriate exhaust ventilation. Keep containers dry and tightly closed to avoid moisture absorption and contamination. Store in a cool dry place.

**other precautions:** Avoid contact with eyes, skin, and clothing.

### section 9 – Control Measures

**respiratory protection (specify type):** A NIOSH/MSHA approved respirator above PEL or TLV or as necessary for organic mists and vapors.

#### **ventilation**

**local exhaust:** Recommended to minimize exposure.

**mechanical (general):** Recommended to minimize exposure.

**protective gloves:** Impervious

**eye protection:** Safety/Chemical goggles with side shields

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**other protective clothing or equipment:** safety shoes.

Eyewash station and safety shower, long sleeved clothing,

**work/hygienic practices:**

Wash thoroughly after handling

**section 10 – Additional Information**

**special shipping information: DOT (USA)** n.o.s., (Diethylhexyl phthalate), Class 9, UN3082, III, RQ

Environmentally hazardous substances, liquid,

**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:

Diethylhexyl phthalate

**RCRA status**

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

Di(2-ethylhexyl) phthalate (Ref. 261.33(f))

U028

**CALIFORNIA PROPOSITION 65:**

WARNING! This product contains a chemical known to the State of California to cause cancer. WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

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