



### section 1 – Preparation / Product Information

<b>manufactured for and supplied by:</b>	<b>telephone no:</b>	<b>(330) 798-9300</b>
<b>Harwick Standard Distribution Corporation</b>	<b>date prepared:</b>	June 22, 2000
<b>60 South Seiberling Street</b>	<b>preparer:</b>	<b>Health, Safety &amp; Environment</b>
<b>P.O. Box 9360</b>	<b>product use:</b>	Plasticizer
<b>Akron, OH 44305-0360</b>		

### section 2– Ingredients / Identity Information

components chemical identity/cas#	exposure limits			toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
Trioctyl trimellitate CAS #3319-31-1	Not Established				90-100
Di(2-ethylhexyl) 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 30,600 mg/kg  LD50 rabbit/dermal 25 mg/kg	0.1-1

### section 3 – Physical / Chemical Characteristics

<b>boiling point:</b>	500°F @ 1mm Hg	<b>specific gravity:</b>	0.988 @ 25°C
<b>freezing point:</b>	Not Determined	<b>pH:</b>	Not Applicable
<b>vapor pressure (mm Hg):</b>	Negligible	<b>odor threshold (ppm):</b>	Not Determined
<b>vapor density (AIR=1):</b>	19	<b>coef. water/oil dist.:</b>	Not Determined
<b>solubility in water</b>	Negligible	<b>evaporation rate:</b>	Not Determined
<b>appearance (physical state) and odor:</b>		Liquid; Clear Odor; Mild	

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#### section 4 – Fire and Explosion Hazard Data

<b>flash point (method):</b>	490°F (COC)
<b>extinguishing media:</b>	Use chemical type fog, water foam, CO <sub>2</sub> , or dry chemical.
<b>special fire fighting procedures:</b>	Wear self-contained breathing apparatus and protective clothing. Use cold water spray to cool fire-exposed containers.
<b>unusual fire and explosion hazards:</b>	The use of water to extinguish fire may cause frothing.
<b>hmis rating:</b>	1
<b>hazardous combustion products:</b>	CO <sub>x</sub> and organic acids

#### section 5 – Reactivity Data

<b>stability</b>	<b>stable:</b> <input checked="" type="checkbox"/>
	<b>unstable:</b> <input type="checkbox"/>
<b>conditions to avoid (cond. of reactivity):</b>	None known
<b>incompatibility (materials to avoid):</b>	Oxidizers
<b>hazardous decomposition or byproducts:</b>	CO <sub>x</sub> and organic acids
<b>hazardous polymerization</b>	may occur: <input type="checkbox"/> will not occur: <input checked="" type="checkbox"/>
<b>conditions to avoid:</b>	None known
<b>hmis rating:</b>	0

#### section 6 – Health Hazard Data

##### *primary routes of exposure*

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

**health hazards**

**acute:** May cause mild eye irritation. May cause mild skin irritation. Due to its low vapor pressure, the inhalation exposure hazard potential is regarded to be low. However, if the product is heated, misted, or sprayed, it may become irritating to the mucous membranes of the upper respiratory tract. Ingestion is not expected to be toxic, however, may cause nausea, vomiting, and diarrhea.

**chronic:** None known

**carcinogenicity: DEHP**

**NTP**  Anticipated human **IARC**  Animal (Group 2B) **OSHA**

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

**medical conditions generally aggravated by exposure:** Individuals with chronic respiratory disorders may be adversely affected by any fume or airborne particulate matter. Persons with preexisting skin disorders may be more susceptible to the effects of this material.

**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:** 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.

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## section 8 – Precautions for Safe Handling and Use

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

Avoid excessive breathing of fumes. Dike spill to prevent entry into sewers and waterways. Absorb with sand, vermiculite or other non-biodegradable absorbent. Clean up spill and place in labeled containers for disposal. DEHP is on the CERCLA list of hazardous substances and spills of reportable quantities must be reported to the National Response Center (800-424-8802). The CERCLA reportable quantity (RQ) for DEHP is 100 lb.

### **waste disposal method:**

In accordance with federal, state, and local regulations. Refer to Section 10.

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

Avoid excessive heat and sources of ignition. Store away from oxidizers. Avoid breathing vapors or mists. Keep container closed.

### **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, 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

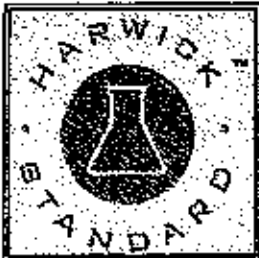
### **other protective clothing or equipment:**

Eyewash station and safety shower

### **work/hygienic practices:** smoking.

Wash thoroughly after handling and before eating and

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**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:

Di (2-ethylhexyl) phthalate	0.1-1%
CAS #117-81-7	

**RCRA status**

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

None known

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