

### 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:** September 19, 1996

**preparer:** Health, Safety & Environment

**product use:** Plasticizer

### section 2 – Ingredients / Identity Information

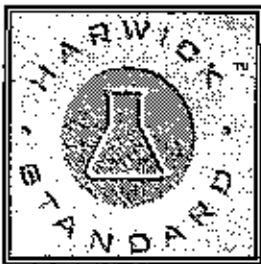
components chemical identity/cas#	exposure limits			toxicity LD50/LC 50	amount %
	PEL	TLV	OTHER		
Aliphatic Ester CAS #Proprietary	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> –STEL		50-60
Hexanedioic Acid, Diisodecyl Ester CAS #27178-16-1	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> –STEL		20-30
Hexanedioic Acid, Dioctyl Ester CAS #123-79-5	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> –STEL		10-20

### section 3 – Physical / Chemical Characteristics

<b>boiling point:</b>	215° C	<b>specific gravity:</b>	0.918
<b>freezing point:</b>	0° C	<b>pH:</b>	Not Applicable
<b>vapor pressure (mm Hg):</b>	0.04 @ 150° C	<b>odor threshold (ppm):</b>	Not Determined
<b>vapor density (AIR=1):</b>	12.8	<b>coef. water/oil dist.:</b>	Not Determined
<b>solubility in water</b>	Not Available	<b>evaporation rate:</b>	Negligible
<b>appearance (physical state) and odor:</b>		Liquid; Clear	
		Odor; Mild	

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skin absorption  ingestion

**health hazards**

**acute:** This product may irritate eyes and respiratory tract when it is heated at high temperatures or when it is in fog form.

**chronic:** None known

**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:** 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:**

Absorb with an inert material. Put the spilled material in an appropriate waste disposal. For large spills, keep away from heat and all other sources of ignition. Stop leak if without risk. On land, dike; in water, set up a dam.

### **waste disposal method:**

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

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

Avoid inhalation. Always wash your hands after manipulating the product. In case of inadequate ventilation, wear appropriate respirator. If indisposed, consult physician and show her the label or MSDS. Keep in a closed container.

### **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:**

Coveralls, apron, boots, faceshield as necessary to prevent skin contact. Eyewash station and safety shower should be easily accessible.

### **work/hygienic practices:**

Wash thoroughly after handling

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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:

None known

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

None known

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