

**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:** November 27, 2007

**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		
Diundecyl phthalate CAS #3648-20-2	Not Established			LD50 rat/oral >15,800 mg/kg	>99.5
Stabilizer CAS# Not applicable					<0.5

**section 3 – Physical / Chemical Characteristics**

<b>boiling point:</b>	973.4°F (523°C)	<b>specific gravity:</b>	0.95
<b>freezing point:</b>	Not Available	<b>pH:</b>	Not Available
<b>vapor pressure (mm Hg):</b>	200°C; 0.798 mbar	<b>odor threshold (ppm):</b>	Not Available
<b>vapor density (AIR=1):</b>	Not Available	<b>coef. water/oil dist.:</b>	Not Available
<b>solubility in water</b>	Negligible	<b>evaporation rate:</b>	Not Available
<b>appearance (physical state) and odor:</b>		Liquid; Colorless Odor; Slight	

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

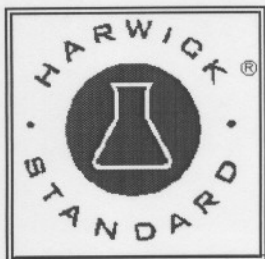
**flash point (method):** 489°F (COC)

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

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

**unusual fire and explosion hazards:** None known

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**hmis rating:** 1

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

### section 5 – Reactivity Data

**stability**            **stable:**      
                              **unstable:**

**conditions to avoid (cond. of reactivity):**    None known

**incompatibility (materials to avoid):**        Material can react with strong oxidizing agents.

**hazardous decomposition or byproducts:**    None known

**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**                        **skin contact**                        **eye contact**              
**skin absorption**                **ingestion**               

#### *health hazards*

**acute:**            Low hazard for usual industrial handling or commercial handling by trained personnel. Expected to be low ingestion hazard.

**chronic:**        None known

#### *carcinogenicity*

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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:** Flush with water for 15 minutes. If easy to do so remove contact lenses. 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:**

Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Prevent runoff from entering drains, sewers, or streams. Dike for later disposal.

#### **waste disposal method:**

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

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

No special precautionary measures should be needed under anticipated conditions of use. Keep from contact with oxidizing materials. Keep container closed.

#### **other precautions:**

Avoid contact with eyes, skin, and clothing.

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**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:** Chemical goggles

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

**work/hygienic practices:** Wash thoroughly after handling

**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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