



**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 9, 2008

**preparer:** Health, Safety & Environment

**product use:** Plasticizer

**section 2<sup>[sc1]</sup> – Ingredients / Identity Information**

components chemical identity/cas#	exposure limits			Toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
Diisononyl Phthalate				LD 50 oral, rat >10000 mg/kg	90-100

CAS # 68515-48-0

\* PEL & TLV for similar phthalate esters.

**section 3 – Physical / Chemical Characteristics**

**boiling point:** 757°F @ 760 mmHg

**freezing point:** -49°F

**vapor pressure (mm Hg):** < 0.001 hPa @ 100°F

**vapor density (AIR=1):** >1

**solubility in water:** Insoluble

**appearance (physical state) and odor:** Liquid; Oily, colorless to yellow  
Odor; Odorless

**specific gravity:** 0.967 @ 68°F

**pH:** 7.0

**odor threshold (ppm):** Not Determined

**coef. water/oil dist.:** Not Determined

**evaporation rate:** <0.05

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

**flash point (method):** 442°F

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

**special fire fighting procedures:** Wear self-contained breathing apparatus and protective clothing.  
Use cold water spray to cool fire-exposed containers.

**unusual fire and explosion hazards:** OSHA Class IIIB combustible liquid.

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**medical conditions generally aggravated by exposure:** Individuals with chronic respiratory disorders may be adversely affected by any fume or airborne particulate matter exposure. 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:** Remove contaminated clothing. Wash with soap and water for 15-20 minutes. If irritation develops, consult a physician.

**eye contact:** Flush with water for 15 minutes while lifting and lowering eyelids. Remove contact lenses if possible. 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:**

Stop leak if you can without risk. Absorb with sand or other non-combustible material, place in disposable containers. Keep from entering drains, waters and soil.

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

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

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

Keep containers tightly closed. Store in a cool, dry, well ventilated area. Avoid contact with light. Keep separate from incompatible substances.

#### **other precautions:**

Avoid contact with eyes, skin, and clothing.

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**section 9 – Control Measures**

<b>respiratory protection (specify type):</b> necessary.	A NIOSH/MSHA approved respirator above PEL or TLV or as necessary.
<b>ventilation</b>	
<b>local exhaust:</b>	Recommended to control emission of air contaminants.
<b>mechanical (general):</b>	Recommended to assist in minimizing exposure.
<b>protective gloves:</b>	Impervious – chemical resistant gloves
<b>eye protection:</b>	Chemical safety goggles – splash resistant
<b>other protective clothing or equipment:</b> clothing	Eyewash station and safety shower – chemical resistant
<b>work/hygienic practices:</b>	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

SARA Hazard categories, **SARA Sections 311/312.**

None known

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