



### 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:** April 12, 2006

**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		
Diisononyl Adipate CAS #33703-08-1					90-100

### section 3 – Physical / Chemical Characteristics

<b>boiling point:</b>	783°F	<b>specific gravity:</b>	0.92
<b>freezing point:</b>	-90°F	<b>pH:</b>	Not Determined
<b>vapor pressure (mm Hg):</b>	<0.01	<b>odor threshold (ppm):</b>	Not Determined
<b>vapor density (AIR=1):</b>	15.5	<b>coef. Water/oil dist.:</b>	Not Determined
<b>solubility in water</b>	Insoluble	<b>Evaporation rate:</b>	Not Determined
<b>appearance (physical state) and odor:</b>		Liquid; Colorless Odor; Faint	

### section 4 – Fire and Explosion Hazard Data

**flash point (method):** 385°F

**extinguishing media:** Use carbon dioxide, regular dry chemical, regular foam, water, alcohol resistant foam. For large fires: use regular foam or flood with fine water spray.

**special fire fighting procedures:** Wear self-contained breathing apparatus and protective clothing. Move container from fire area if it can be done without risk. Do not scatter spilled material with high-pressure water. Dike for later disposal. Use extinguishing agents appropriate for surrounding fire. Avoid inhalation. Stay upwind and keep out of low areas. Water or foam may cause frothing.

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

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**hmis rating:** 1

**hazardous combustion products:**

**section 5 – Reactivity Data**

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

**conditions to avoid (cond. of reactivity):**        Avoid heat, flame, sparks and other sources of ignition.  
Avoid contact with incompatible materials.

**incompatibility (materials to avoid):**                Oxidizing material

**hazardous decomposition or byproducts:**        Thermal decomposition products: oxides of carbon

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

**conditions to avoid:**

**hmis rating:** 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"/>
<b>skin absorption</b>	<input type="checkbox"/>	<b>ingestion</b>	<input type="checkbox"/>		

**health hazards**

**acute:**                      May cause eye and skin irritation.

**chronic:**

**carcinogenicity**

**NTP**                          **IARC**                          **OSHA**   

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

**medical conditions generally aggravated by exposure:**

**hmis rating:** 1

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## 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:** Give plenty of water to dilute product. If vomiting occurs, lower victim's head below hips to prevent aspiration. Consult a physician.

**skin contact:** Wash with soap and water. Remove contaminated clothing and shoes immediately. If irritation develops, consult a physician.

**eye contact:** Immediately flush with large amounts of water, holding eyelids open until irritation subsides. 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 possible without risk. Absorb with sand or other non-combustible material. Collect spilled material in container for disposal. Keep unnecessary people away. Isolate hazard area and deny entry.

### **waste disposal method:**

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

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

Store away from heat. Store and handle in accordance with all current regulations and standards. Keep separated from incompatible substances.

**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**

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<b>local exhaust:</b>	Recommended to maintain PEL/TLV and vapors/mists.
<b>mechanical (general):</b>	Recommended to maintain PEL/TLV and vapors/mists.
<b>protective gloves:</b>	Chemical resistant gloves
<b>eye protection:</b>	Wear splash resistant safety goggles.
<b>other protective clothing or equipment:</b>	Emergency eye was fountain. Wear appropriate chemical resistant clothing and gloves.
<b>work/hygienic practices:</b>	Wash thoroughly after handling

**section 10 – Additional Information**

**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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