



### 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:** March 15, 2010

**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		
Epoxidized Soybean Oil CAS #8013-07-8				LD50 rat/oral 21,000 mg/kg	>99

### Section 3 – Physical / Chemical Characteristics

<b>Boiling point:</b>	Not available	<b>Specific gravity:</b>	0.990 - 0.998
<b>Melting point:</b>	Not available	<b>Molecular weight:</b>	Not available
<b>Freezing point:</b>	Not available	<b>pH:</b>	Not available
<b>Vapor pressure (mm Hg):</b>	Not available	<b>Odor threshold (ppm):</b>	Not available
<b>Vapor density (AIR=1):</b>	Not Determined	<b>Coef. water/oil dist.:</b>	Not available
<b>Solubility in water</b>	Insoluble	<b>Evaporation rate:</b>	<1.00
		<b>VOC content (%)</b>	0.5 (1.0 max)

**Appearance (physical state) and odor:** Liquid; Dark Amber  
Odor: Mild

### Section 4 – Fire and Explosion Hazard Data

**Flash point (method):** 309°F (PMCC)

**Extinguishing media:** Use dry chemical, CO<sub>2</sub>, water spray, or "alcohol" foam. Do not use a solid water stream as it may scatter and spread fire.

**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 decomposition products:** Carbon oxides

### Section 5 – Reactivity Data

**Stability**                      **Stable:**       
   **Unstable:**  

**Conditions to avoid (Conditions of reactivity):**                      None known

**Incompatibility (Materials to avoid):**                                      None known

**Hazardous decomposition products:** Thermal decomposition can lead to release of irritating gases and vapors.

**Hazardous polymerization**                                      May occur:     
   Will not occur:

**Conditions to avoid:**    None known

**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:** Non-irritating to the skin. No evidence of adverse affects to eye contact. Over exposure by inhalation may cause respiratory irritation. May irritate digestive tract.

**Chronic:** None known

#### Carcinogenicity

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

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

**Medical conditions generally aggravated by exposure:** None known

**HMIS rating:** 0

### Section 7 – First Aid Measures

#### Emergency and first aid procedures

**Inhalation:** Move to fresh air. If breathing is difficult, give oxygen. Consult a physician.

**Ingestion:** If ingested induce vomiting. Consult a physician if large amounts ingested.

**Skin contact:** Wash immediately with soap and water. If irritation develops, consult a physician.

**Eye contact:** Flush with water for 15 minutes and under the eyelids. 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 an inert material (e.g. dry sand or earth), then place in container for disposal. Do not allow material to contaminate ground water system. Prevent further leakage or spillage. Do not let material enter drains.

**Waste disposal method:** In accordance with federal, state, and local regulations.

**Precautions to be taken in handling and storing:** Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment. Keep containers tightly closed. Keep containers in a cool, well-ventilated area.

**Other precautions:** Avoid contact with skin and eyes. Do not breathe vapors/dust.

### Section 9 – Control Measures

**Respiratory protection (specify type):** A NIOSH approved respirator when ventilation is inadequate or as necessary.

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**Ventilation**

**Local exhaust:** Recommended to minimize exposure.  
**Mechanical (general):** Recommended to minimize exposure.

**Protective gloves:** Impervious.

**Eye protection:** Splash goggles, safety glasses.

**Other protective clothing or equipment:** Eyewash station and safety shower.

**Work/hygienic practices:** Wash thoroughly after handling, lightweight protective clothing.

**Section 10 – Additional Information**

**Special shipping information:** Not DOT Regulated

**TSCA Inventory Status:** Chemical components are listed on the TSCA inventory.

**State Regulations**

This product or its ingredients have been evaluated for New Jersey, Pennsylvania, and California Prop 65 supplier notification requirements. Substances that are subject to notification requirements, if any, are listed below.

**Components**

Toluene

**State Regulations-NJ; PA; CA Prop 65**

Listed (NJRTK)  
Developmental Toxicity (CA Prop 65)  
Listed (PARTK)

**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

**Not Subject to TSCA 12(b) Export Notification**

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