

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: August 21 , 1996

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		
Phthalic Acid Diallyl Ester CAS #131-17-9	Not Established			LD50 rat/oral 770 mg/kg	90-100

section 3 – Physical / Chemical Characteristics

boiling point:	305° C @ 760mm Hg	specific gravity:	Not Determined
melting point:	-70° C	pH:	Not Applicable
vapor pressure (mm Hg):	Negligible	odor threshold (ppm):	Not Determined
vapor density (AIR=1):	8.55	coef. water/oil dist.:	Not Determined
solubility in water	0.6	evaporation rate:	Not Determined
appearance (physical state) and odor:		Liquid; Slightly yellow Odor; Characteristic	

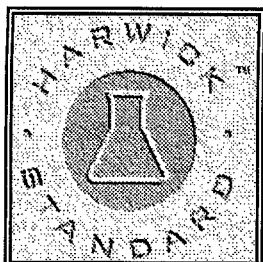
section 4 – Fire and Explosion Hazard Data

flash point (method): 166° C (COC)

extinguishing media: Use water fog, alcohol foam, sand, CO₂, or dry chemicals.

special fire fighting procedures: Wear self-contained breathing apparatus and protective clothing. Do not use a straight stream of water since the stream will scatter and spread the fire. It's vapors are heavier

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than air and can flow a considerable distance along surface to an ignition source and flash back. In case it is impossible to remove the materials from the origin of fire, abundant water spray should be used to cool fire exposed buildings or structures. Prevent the fire from spreading and extinguish it.

unusual fire and explosion hazards: None known
hmis rating: 2
hazardous combustion products: CO_x and aldehydes

section 5 – Reactivity Data

stability **stable:**
 unstable:

conditions to avoid (cond. of reactivity): Sources of heat and ignition.

incompatibility (materials to avoid): Strong oxidizing agents and strong alkalies.

hazardous decomposition or byproducts: CO_x and aldehydes

hazardous polymerization may occur:
 will not occur:

conditions to avoid: None known

hmis rating: 0

section 6 – Health Hazard Data

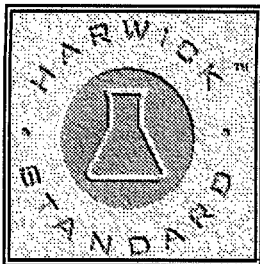
primary routes of exposure

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

health hazards

acute: Liquid or vapor contact with eyes may cause stinging or corneal burns. Large contact and prolonged or repeated contact with the skin may cause irritation or cauterizaion.

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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: 2

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. In case of contact with large quantity or if the site stings or blisters, consult a physician.

eye contact: Immediately flush with water for 15 minutes. If irritation develops, consult a physician.

section 8 – Precautions for Safe Handling and Use

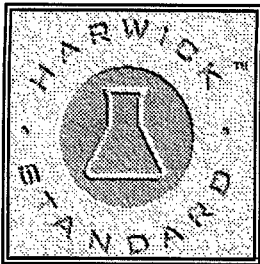
steps to be taken in case material is released or spilled:

Stop spill, absorb with inert material and place in a container for reuse or disposal. Eliminate sources of heat and ignition. Do not flush into sewer or waterway.

waste disposal method:

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

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precautions to be taken in handling and storing:

Store indoors in well-ventilated, area at room temperature or below. Keep away from sparks, open flames and other sources of ignition. Keep container closed.

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

section 10 – Additional Information

special shipping information:

Not DOT Regulated

TSCA Inventory Status:

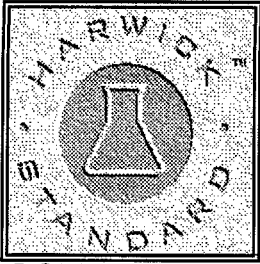
Chemical components are listed on the TSCA inventory.

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

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RCRA status

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

None known

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