

section 1 – Preparation / Product Information

manufactured for and supplied by:	telephone no:	(330) 798-9300
Harwick Standard Distribution Corporation	date prepared:	October 9, 2001
60 South Seiberling Street	preparer:	Health, Safety & Environment
P.O. Box 9360	product use:	Plasticizer
Akron, OH 44305-0360		

section 2 – 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 # 68515-45-7
* PEL & TLV for similar phthalate esters.

section 3 – Physical / Chemical Characteristics

boiling point:	527°F	specific gravity:	Not Determined
freezing point:	Not Determined	pH:	Neutral
vapor pressure (mm Hg):	< 0.01 hPa	odor threshold (ppm):	Not Determined
vapor density (AIR=1):	Not Determined	coef. water/oil dist.:	Not Determined
solubility in water	<0.1 G/L (20°C)	evaporation rate:	Not Determined
appearance (physical state) and odor:		Liquid; Oily	
		Odor; Odorless	

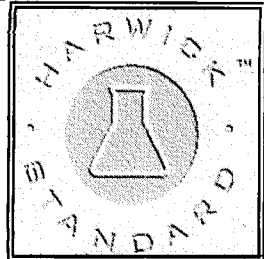
section 4 – Fire and Explosion Hazard Data

flash point (method): 392°F DIN 51758

extinguishing media: Use water spray, foam, CO₂, or dry powder.

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

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unusual fire and explosion hazards: The use of water to extinguish fire may cause frothing.

hmis rating: 1

hazardous combustion products: CO_x and organic acids

section 5 – Reactivity Data

stability **stable:**
 unstable:

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

incompatibility (materials to avoid): Oxidizers

hazardous decomposition or byproducts: CO_x and organic acids

hazardous polymerization may occur:
 will not occur:

conditions to avoid: None known

hmis rating: 0

section 6 – Health Hazard Data

primary routes of exposure

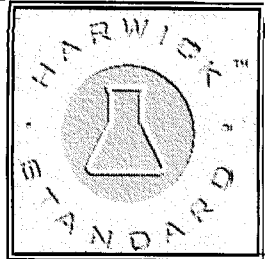
inhalation **skin contact** **eye contact**
skin absorption **ingestion**

health hazards

acute: May cause mild eye irritation if exposed to liquid, mist or vapor. May cause irritation to the upper respiratory tract if product is heated, misted or sprayed and concentrations exceed the recommended exposure limit.

chronic: None known

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carcinogenicity

NTP IARC OSHA

signs and symptoms of exposure: See Health Hazards above.

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: Wash with soap and water. If irritation develops, consult a physician.

eye contact: 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:

Avoid excessive breathing of fumes. Dike spill to prevent entry into sewers or waterways. Place an absorbent material onto the spill. Clean up spill and place in labeled containers for disposal.

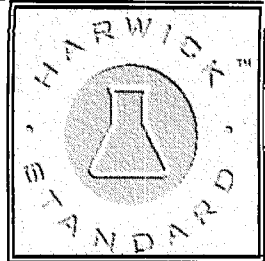
waste disposal method: In accordance with federal, state, and local regulations. Refer to Section 10.

precautions to be taken in handling and storing:

Avoid any unnecessary contact or handling. Avoid excessive heat and sources of ignition. Keep containers tightly closed.

other precautions: Avoid contact with eyes, skin, and clothing.

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section 9 – Control Measures

respiratory protection (specify type): necessary.	A NIOSH/MSHA approved respirator above PEL or TLV or as necessary.
ventilation	
local exhaust:	Recommended to control emission of air contaminants.
mechanical (general):	Recommended to assist in minimizing exposure.
protective gloves:	Impervious
eye protection:	Chemical safety 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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