

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: January 10, 2001

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		
Diisodecyl Phthalate CAS #68515-49-1	*5mg/m ³				90-100

* PEL & TLV for similar phthalate esters.

section 3 – Physical / Chemical Characteristics

boiling point:	482°F @ 5mm Hg	specific gravity:	0.965 – 0.970
freezing point:	-58°F	pH:	Not Determined
vapor pressure (mm Hg):	Negligible	odor threshold (ppm):	Not Determined
vapor density (AIR=1):	>1	coef. water/oil dist.:	Not Determined
solubility in water	<.1 wt%	evaporation rate:	<.01
appearance (physical state) and odor:		Liquid; Clear Odor; Mild	

section 4 – Fire and Explosion Hazard Data

flash point (method): 437°F/225°C (COC)

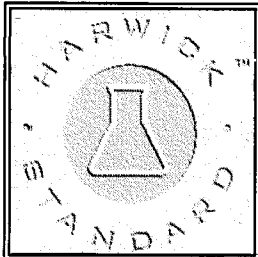
extinguishing media: Use water fog, foam, CO₂, or dry chemical

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: The use of water to extinguish fire may cause frothing.

hmis rating: 1

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hazardous combustion products: None known

section 5 – Reactivity Data

stability **stable:**
 unstable:

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

incompatibility (materials to avoid): Oxidizers

hazardous decomposition or byproducts: None known

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	<input type="checkbox"/>	skin contact	<input checked="" type="checkbox"/>	eye contact	<input checked="" type="checkbox"/>
skin absorption	<input type="checkbox"/>	ingestion	<input type="checkbox"/>		

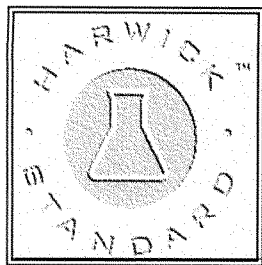
health hazards

acute: May cause mild eye irritation resulting in burning, tearing, redness and swelling if exposed to liquid or mist. Excessive exposure to skin may cause mild irritation in the form of burning, itching, and redness. May cause irritation to the upper respiratory tract if this product is heated, misted or sprayed, and concentrations exceed the recommended exposure limit. If ingested, may cause nausea, vomiting and diarrhea.

chronic: This product has been tested in a 2-generation toxicity study in laboratory animals. No effects on reproductive parameters were seen. However, a small but statistically significant increased in early offspring mortality was seen at high oral doses. The significance of this is uncertain.

carcinogenicity

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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. 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: 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:

Avoid excessive breathing of fumes. Dike spill to prevent entry into sewers and waterways. Absorb spill with sand, vermiculite or other non-biodegradable absorbent. Clean up spill and place in labeled containers for disposal. Do not flush into sewer or waterway.

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

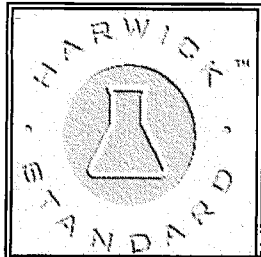
precautions to be taken in handling and storing:

Avoid excessive heat and sources of ignition. Avoid breathing vapors or mists. Keep container closed.

other precautions:

Avoid contact with eyes, skin, and clothing.

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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, face shield 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

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

None known

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