

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 16, 1998

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		
Diundecyl phthalate CAS #3648-20-2	Not Established			LD50 rat/oral >15,800 mg/kg	90-100

section 3 – Physical / Chemical Characteristics

boiling point:	973.4°F (523°C)	specific gravity:	0.95
freezing point:	Not Available	pH:	Not Available
vapor pressure (mm Hg):	0.6 @ 200°C	odor threshold (ppm):	Not Available
vapor density (AIR=1):	Not Available	coef. water/oil dist.:	Not Available
solubility in water	Negligible	evaporation rate:	Not Available
appearance (physical state) and odor:		Liquid; Colorless Odor; Slight	

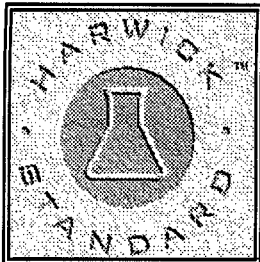
section 4 – Fire and Explosion Hazard Data

flash point (method): 490°F (COC)

extinguishing media: CO₂, foam, water spray or dry chemical.

special fire fighting procedures: Wear self-contained breathing apparatus and protective clothing.

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unusual fire and explosion hazards: None known

hmis rating: 1

hazardous combustion products: CO_x

section 5 – Reactivity Data

stability

stable:
unstable:

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

incompatibility (materials to avoid): Material can react with strong oxidizing agents.

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

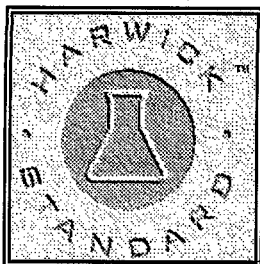
inhalation **skin contact** **eye contact**
skin absorption **ingestion**

health hazards

acute: Low hazard for usual industrial handling or commercial handling by trained personnel. Expected to be low ingestion hazard.

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: None known

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:

Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Prevent runoff from entering drains, sewers, or streams.

waste disposal method:

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

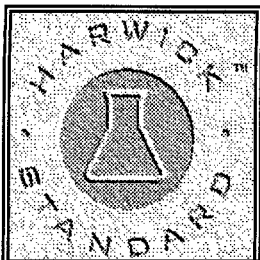
precautions to be taken in handling and storing:

No special precautionary measures should be needed under anticipated conditions of use. Keep from contact with oxidizing materials. Keep container closed.

other precautions:

Avoid contact with eyes, skin, and clothing.

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section 9 – Control Measures

respiratory protection (specify type):
necessary for organic mists and vapors.

A NIOSH/MSHA approved respirator above PEL or TLV or as

ventilation

**local exhaust:
mechanical (general):**

Recommended to minimize exposure.
Recommended to minimize exposure.

protective gloves:

Impervious

eye protection:

Chemical 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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