

(in compliance with 29 CFR 1910.1200) identity: Merrol® DIDP Page 1 of 4

section 1 – Preparation / Product Information manufactured for and supplied by: telephone no: (330) 798-9300 **Harwick Standard Distribution** date prepared: July 24, 2007 Corporation **60 South Seiberling Street** Health, Safety & Environment preparer: P.O. Box 9360 Akron, OH 44305-0360 product use: Plasticizer section 2- Ingredients / Identity Information exposure limits Toxicity components amount LD50/LC50 % chemical identity/cas# PEL TLV OTHER **Diisodecyl Phthalate** *5mg/m³ 90-100 10mg/m^3 CAS #68515-48-0 TWA section 3 – Physical / Chemical Characteristics specific gravity: 0.965-0.970 boiling point: 482°F freezing point: -58°F ASTM D97 Not Determined pH: vapor pressure (mm Hg): odor threshold (ppm): Not Determined <0.01 kPa vapor density (AIR=1): coef. water/oil dist.: Not Determined >1.00 solubility in water **Evaporation rate:** < 0.010 <0.10 wt% Liquid; Clear appearance (physical state) and odor: Odor; Mild and characteristic of ester section 4 – Fire and Explosion Hazard Data flash point (method): 491°F ASTM D93 extinguishing media: Use water spray, foam, or dry chemical.

special fire fighting procedures: Wear self-contained breathing apparatus and protective clothing. Use water spray to cool surfaces exposed to the fire. If possible shut off the source of fuel tot the fire. Avoid spraying water directly into storage containers due to danger of boil-over.

unusual fire and explosion hazards: Material can form flammable mixtures or can burn only on heating to temperatures at or above the flash point. Product can accumulate static charges, which can cause an incendiary electrical discharge.

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A RWIOTE BARNOAR NDAR	<i>material safety data sheet</i> (in compliance with 29 CFR 1910.1200) identity: Merrol® DIDP Page 2 of 4		
hmis rating: 1			
	e known		
section 5 – Reactivity Data			
stability stable: ☑ unstable: □			
conditions to avoid (cond. of reactivity):	Not Determined		
incompatibility (materials to avoid):	Strong oxidizing agents		
hazardous decomposition or byproducts:	None known		
<i>hazardous polymerization</i> may occur: will not occ			
conditions to avoid:	Not Determined		
hmis rating: 0			
section 6 – Health Hazard Data primary routes of exposure			
inhalation skin absorption ingestion	ect ☑ eye contact ☑ □		
 <i>health hazards</i> acute: This product may irritate eyes & respiratory tract. Frequent or prolonged skin contact may cause mild skin discomfort. 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 increase in early offspring mortality was seen at high oral doses. The significance of this is uncertain. 			
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. Persons with preexisting skin disorders may be more susceptible to the effects of this material.			
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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: If ingested do not induce vomiting. Consult a physician.

skin contact: Flush with large amounts of water. If irritation develops, consult a physician.

eye contact: Immediately flush with large amounts of water until irritation subsides. 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: Contain spilled liquid with sand or earth. Recover by pumping (use an explosion proof or hand pump) or with a suitable absorbent. If liquid is to viscous for pumping, scrape up with shovels or pails and place in suitable containers for recycle or disposal.

waste disposal method:

Section 10.

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

precautions to be taken in handling

and storing: Keep container closed. Store in a cool, well-ventilated place away from incompatible materials. Do not handle or store near open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Do not pressurize, cut, heat, or weld containers. Do not reuse empty containers without reconditioning. Material will accumulate static charges which may cause an electrical spark (ignition source). Use proper grounding procedures.

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

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local exhaust: mechanical (general): Recommended to maintain PEL/TLV and vapors/mists. Recommended to maintain PEL/TLV and vapors/mists.

protective gloves:

eye protection:

Chemical resistant

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

CALIFORNIA PROPOSITION 65

This product contains chemicals known to the State Of California to cause cancer or reproductive toxicity. Di-isodecyl phthalate (DIDP) CAS# 68515-49-1

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