



section 1 – Preparation / Product Information

manufactured for and supplied by:	telephone no:	(330) 798-9300
Harwick Standard Distribution Corporation	date prepared:	August 15, 1996
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		
Diisodecyl Adipate CAS #27178-16-1	Not Established				90-100

section 3 – Physical / Chemical Characteristics

boiling point:	245° C	specific gravity:	0.92 @ 60° F
freezing point:	Not Determined	pH:	Not Applicable
vapor pressure (mm Hg):	5 @ 245° C	odor threshold (ppm):	Not Determined
vapor density (AIR=1):	14.7	coef. water/oil dist.:	Not Determined
solubility in water	< 0.1	evaporation rate:	Not Determined
appearance (physical state) and odor:			Liquid; Clear water white oily Odor; Low

section 4 – Fire and Explosion Hazard Data

flash point (method):	430° F (COC)
extinguishing media:	Use foam, CO ₂ , or dry chemicals
special fire fighting procedures:	Wear self-contained breathing apparatus and protective clothing. Use water spray to cool surface of container

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unusual fire and explosion hazards: Water may cause frothing.

hmis rating: 1

hazardous combustion products: CO_x

section 5 – Reactivity Data

stability
stable:
unstable:

conditions to avoid (cond. of reactivity): High temperatures

incompatibility (materials to avoid): Strong oxidizing agents, acids or bases.

hazardous decomposition or byproducts: CO_x

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 eye and/or skin irritation

chronic: None known

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carcinogenicity

material safety data sheet
(in compliance with 29 CFR 1910.1200)
identity: Merrol® DIDA
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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: 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:

Dike or contain spill. Apply absorbent. Put in container, close container. If spill is a liquid, attempt to vacuum it into a tank or drum. Prevent entry into sewers and waterways. Notify proper authorities.

waste disposal method:

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

precautions to be taken in handling and storing:

Avoid contact with fire and sparks. For industrial use only. Store in cool dry place.

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, faceshields 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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