

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: August 30, 1996

preparer: Health, Safety & Environment

product use: Plasticizer

section 2— Ingredients / Identity Information

components chemical identity/cas#	exposure limits PEL	TLV	OTHER	toxicity LD50/LC50	amount %
Diocetyl Sebacate; Decanedioic CAS #122-62-3	Not Established			LD50 oral/rat >12,800mg/kg	90-100

section 3 — Physical / Chemical Characteristics

boiling point:	256°C	specific gravity:	0.911
freezing point:	-48°C	pH:	Not Available
vapor pressure (mm Hg):	0.98 @ 210°C	odor threshold (ppm):	Not Available
vapor density (AIR=1):	14.7	coef. water/oil dist.:	Not Available
solubility in water	Negligible	evaporation rate:	Negligible
appearance (physical state) and odor:		Liquid; Light colored Odor; Mild	

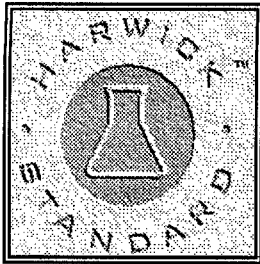
section 4 — Fire and Explosion Hazard Data

flash point (method): 440.6°F (COC)

extinguishing media: Use water fog, foam, CO₂, or dry chemicals.

special fire fighting procedures: Wear self-contained breathing apparatus and protective clothing. Water and foam may cause frothing when they come in contact with the burning material.

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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): Avoid contact with oxidizing materials.

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

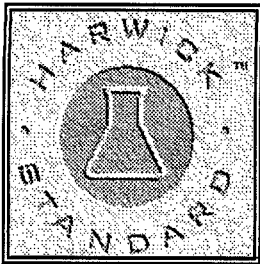
inhalation	<input type="checkbox"/>	skin contact	<input checked="" type="checkbox"/>	eye contact	<input checked="" type="checkbox"/>
skin absorption	<input type="checkbox"/>	ingestion	<input type="checkbox"/>		

health hazards

acute: May cause eyes and/or respiratory tract irritation when heated at high temperatures or when it is in fog form.

chronic: None known

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carcinogenicity

material safety data sheet
(in compliance with 29 CFR 1910.1200)
identity: Merrol® DOS
Page 3 of 4

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 with an inert material. Put the spilled material in an appropriate waste disposal. For large spill, keep away from heat and other sources of ignition. Stop leak if without risk. In land, dike; in water, set up a dam.

waste disposal method:

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

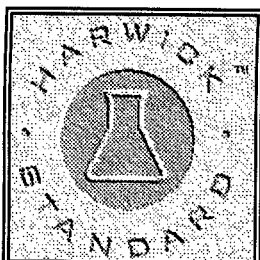
precautions to be taken in handling and storing:

Avoid inhalation. 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 organic vapor respirator product
as needed.

ventilation

local exhaust: Recommended to minimize exposure.
mechanical (general): Recommended to minimize exposure.

protective gloves: Impervious

eye protection: Splash goggles

other protective clothing or equipment: Eyewash station and safety shower

work/hygienic practices: Wash thoroughly after handling. Wear appropriate
protective clothing.

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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