



section 1 – Preparation / Product Information

manufactured for and supplied by:	telephone no:	(330) 798-9300
Harwick Standard Distribution Corporation	date prepared:	August 19, 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		
Hexanedioic acid, polymer with 1, 3-butanediol, isodecyl ester CAS #68441-97-4	Not Established				90-100

section 3 – Physical / Chemical Characteristics

boiling point:	Not Determined	specific gravity:	1.130
melting point:	~10°F	pH:	Not Determined
vapor pressure (mm Hg):	Not Determined	odor threshold (ppm):	Not Determined
vapor density (AIR=1):	Not Determined	coef. water/oil dist.:	Not Determined
solubility in water	Insoluble	evaporation rate:	Not Determined
appearance (physical state) and odor:		Liquid; Light viscous Odor; Mild	

section 4 – Fire and Explosion Hazard Data

flash point (method):	460°F (COC)
extinguishing media:	Use water spray, foam, CO ₂ , or dry chemical.

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special fire fighting procedures: Wear self-contained breathing apparatus and protective clothing. Water may be ineffective, But should be used to keep fire exposed containers cool. If a spill or leak has not ignited, use water spray to disperse the vapors.

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): Keep away from heat and flames.

incompatibility (materials to avoid): Avoid contact with strong oxidizers and strong 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: No data available. Handle in accordance with good industrial hygiene and safety practices.

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chronic: None known

carcinogenicity

NTP

IARC

OSHA

signs and symptoms of exposure: See Health Hazards above.

medical conditions generally aggravated by exposure: None known

hmis rating: 0

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:

Wear self-contained breathing apparatus and protective clothing and respiratory protection as described in Section VII. Contain spilled material with inert material (earth, absorbent). Transfer to secure containers. In the event there is an uncontrolled release of this material, the user should determine if the release is reportable under applicable laws and/or regulations.

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

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precautions to be taken in handling and storing:

Store in cool, dry, ventilated area away from direct sunlight. Store only in approved containers under approved conditions. Storage area should not be subject to rapid temperature changes. Such changes may cause increased internal pressure, rapid expansion or contraction of metal containers resulting in leakage.

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

local exhaust:

Recommended to maintain PEL/TLV and vapor/mists.

mechanical (general):

Recommended to maintain PEL/TLV and vapor/mists.

protective gloves:

Impervious

eye protection:

Chemical goggles

other protective clothing or equipment:

Eyewash station and safety shower

work/hygienic practices:
clothing before reuse.

Wash thoroughly after handling. Wash contaminated

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:

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None known

RCRA status

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

None known

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