

section 1 – Preparation / Product Information

manufactured for and supplied by:	telephone no:	(330) 798-9300
Harwick Standard Distribution Corporation	date prepared:	November 27, 2001
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		
Oleic Acid, butyl ester CAS #142-77-8	Not Established				90-100

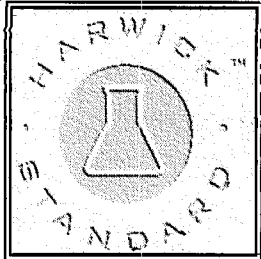
section 3 – Physical / Chemical Characteristics

boiling point:	>433° F @ 760mm	specific gravity:	0.855
Freezing point:	Not Determined	pH:	Not Determined
vapor pressure (mm Hg):	Not Determined	odor threshold (ppm):	Not Determined
vapor density (AIR=1):	> 1	coef. water/oil dist.:	Not Determined
solubility in water	Insoluble	evaporation rate:	Not Determined
appearance (physical state) and odor:		Liquid; Off Color	
		Odor; Fatty	

section 4 – Fire and Explosion Hazard Data

flash point (method):	200° F/ 93° C (COC)
extinguishing media:	Use water spray, CO ₂ , or dry powder.
special fire fighting procedures:	Wear self-contained breathing apparatus and protective clothing.
unusual fire and explosion hazards:	None known

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hmis rating: 1

hazardous combustion products: CO_x

section 5 – Reactivity Data

stability stable:
unstable:

conditions to avoid (cond. of reactivity): Do not store near open flames or excessive heat.

incompatibility (materials to avoid): Strong oxidizers, acids and alkalis.

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 skin ingestion

health hazards

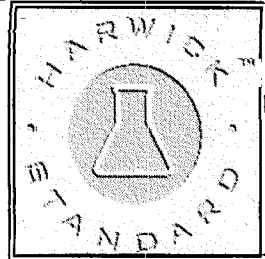
acute: No data available. Handle in accordance with good industrial hygiene and safety practices.

chronic: None known

carcinogenicity

NTP IARC OSHA

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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: Do not induce vomiting. Consult a physician.

skin contact: Wash with soap and water. If irritation develops, consult a physician.

eye contact: Immediately flush with running 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:

Avoid skin contact. Prevent the spread of spill. Greasy nature will result in slippery surface. Emulsify with TSP or detergent and water to clean or absorb with sand or inert material.

waste disposal method:

In accordance with federal, state, and local regulations. Refer to Section 10.

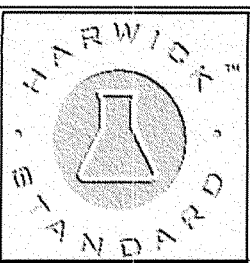
precautions to be taken in handling and storing:

Avoid open flames or excessive heat. Protect against spills.

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: 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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