



Material Safety Data Sheet
(in compliance with 29 CFR 1910.1200)

identity: Polycizer® ESO

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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: December 5, 2007

preparer: Health, Safety & Environment

product use: Plasticizer

section 2– Ingredients / Identity Information

components chemical identity/cas#	exposure limits			Toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
Epoxidized Soybean Oil CAS #8013-07-8	*15mg/m ³	*10mg/m ³		LD50 rat/oral 40,000 g/kg	90-100

* PEL & TLV for oil mist.

section 3 – Physical / Chemical Characteristics

boiling point:	316°F	specific gravity:	0.990-0.998
freezing point:	Not Determined	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:	<1.00
appearance (physical state) and odor:		Liquid; Light Amber Odor; mild	

section 4 – Fire and Explosion Hazard Data

flash point (method): 590°F (COC)

extinguishing media: Use dry chemical, CO₂, water spray, or "alcohol" foam. Do not use a solid water stream as it may scatter and spread fire.

special fire fighting procedures: Wear self-contained breathing apparatus and protective clothing.

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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 breathing is difficult, give oxygen. Consult a physician.

ingestion: If ingested induce vomiting. Consult a physician if large amounts ingested.

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

eye contact: Flush with water for 15 minutes and under eyelids. 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 spill with an inert material (e.g. dry sand and earth) then place in container for disposal. Do not allow material to contaminate ground water system. Prevent further leakage or spillage. Do not let material enter drains.

waste disposal method: In accordance with federal, state, and local regulations. Refer to Section 10.

precautions to be taken in handling

and storing: Keep container tightly closed. Keep container in a cool well-ventilated area.

other precautions: Avoid contact with eyes, skin, and clothing. Do not breathe vapor/dust.

section 9 – Control Measures

respiratory protection (specify type): A NIOSH/MSHA approved respirator above PEL or TLV or as necessary.

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ventilation

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

protective gloves: Impervious

eye protection: Splash goggles, safety glasses

other protective clothing or equipment: Eyewash station and safety shower

work/hygienic practices: Wash thoroughly after handling, light weight protective clothing

section 10 – Additional Information

special shipping information: Not DOT Regulated

TSCA Inventory Status:

Chemical components are listed on the TSCA inventory.

State Regulations

This product or its ingredients have been evaluated for New Jersey, Pennsylvania, and California Prop 65 supplier notification requirements. Substances that are subject to notification requirements, if any, are listed below.

None

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

Not Subject to TSCA 12(b) Export Notification

RCRA status

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

None known

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