



SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: POLYCIZER® DHIN

Manufactured for and supplied by:

Harwick Standard Distribution Corporation
60 South Seiberling Street
P.O. Box 9360
Akron, Ohio 44305-0360

Telephone #: 330-798-9300
Date prepared: May 14, 2009
Preparer: Health, Safety & Environment
Product Use: Plastizicer

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

Components Chemical Identity	CAS Number	LD ₅₀ (mg/kg) of Ingredient	LC ₅₀ (mg/kg) of Ingredient	%
1,2-cyclohexan Dicarboxylic acid, Diisononyl Ester, branched & linear	474919-59-0			90-100

SECTION 3 - HAZARD(S) IDENTIFICATION

Primary routes of exposure:

inhalation skin contact eye contact skin absorption ingestion

Emergency Overview: For best practice, avoid contact with skin, eyes, and clothing. Wear safety glasses and chemical resistant clothes and gloves when handling.

Potential Health Effects: Slight eye, skin and breathing irritation may result from contact or inhalation.

SECTION 4 – FIRST AID MEASURES

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

Ingestion: Give plenty of water to dilute product. Do not induce vomiting. Consult a physician.

Skin contact: Wash with soap and water. Remove contaminated clothing and shoes immediately. If irritation develops, consult a physician.

Eye contact: Immediately flush with large amounts of water, holding eyelids open until irritation subsides. If irritation develops, consult a physician.

SECTION 5 – FIRE FIGHTING MEASURES

Flash point (method): 435°F

Extinguishing media: Use carbon dioxide, dry chemical, foam, water spray.

Special fire fighting procedures: None stated.



Unusual fire and explosion hazards: Not available.

Hazardous combustion products: Not available.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak & Spill Procedure: Stop leak if possible without risk. Absorb with sand or other non-combustible material. Collect spilled material in container for disposal. Do not empty into drains.

SECTION 7 - HANDLING AND STORAGE

Handling & Storage: Store away from heat, direct sunlight and direct sources of heat/fire. Keep container tightly closed. Store and handle in accordance with all current regulations and standards. Keep separated from incompatible substances.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: Avoid prolonged contact.

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

Protective gloves: Chemical resistant gloves

Eye protection: Safety goggles

Skin protection: Wear chemical resistant clothes.

Other protective clothing or equipment: Emergency eye was fountain. Wear appropriate chemical resistant clothing and gloves.

Work/hygienic practices: Wash thoroughly after handling.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Boiling point:	464-482°F	Specific gravity:	Not determined
Freezing point:	Not determined	pH:	~ 7
Vapor pressure (mm Hg):	Not determined	Odor threshold (ppm):	Not determined
Vapor density (AIR=1):	Not determined	Coefficient of water/oil distribution:	Not determined
Solubility in water:	<0.02 mg/l	Evaporation rate:	Not determined
Appearance/Physical state:	Liquid	Odor:	Slight odor
Color:	Transparent – slightly colored		

SECTION 10 - STABILITY & REACTIVITY

Stability **stable:**



unstable:

Conditions to avoid (cond. of reactivity): Avoid static electricity, flame, sparks and other sources of ignition. Avoid storing at very high temperatures.

Incompatibility (materials to avoid): Oxidizing agents.

Hazardous decomposition or byproducts: None apparent.

Hazardous polymerization may occur:
will not occur:

Conditions to avoid: Avoid static electricity, sparks, flame and other fire sources. Avoid storage at very high temperatures.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute: May cause eye and skin irritation. May cause respiratory tract irritation.

Chronic: None known.

Carcinogenicity

NTP **IARC** **OSHA** **ACGIH**

Reproductive toxicity: Not available.

SECTION 12 - ECOLOGICAL INFORMATION

Aquatic Toxicity: Acute toxicity to fish: LC₅₀: > 100 mg/l
Acute toxicity to aquatic invertebrates: EC₅₀ (48 hrs): > 100 mg/l
Acute toxicity to aquatic plants: EC₅₀ (72 hrs): > 100 mg/l
Acute toxicity to micro-organisms: EC₂₀ (30 min): > 100 mg/l
Toxicity to soil dwelling organisms: LC₅₀ (14D): > 1000 mg/l
DO NOT RELEASE INTO NATURAL WATERS

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste disposal method: In accordance with federal, state, and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Special shipping information: Not available.

SECTION 15 - REGULATORY INFORMATION

TSCA Inventory Status:

Chemical components are listed on the TSCA inventory.

SARA 313

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: Not available.

SARA Sections 311 & 312

Superfund Amendments & Reauthorization Act of 1986 Title III: None



RCRA status

The following chemical components are listed under (40 CFR 261): None known

HMIS Classification: HEALTH 1, FLAMMABILITY 1, REACTIVITY 0

SECTION 16 - OTHER INFORMATION

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