



SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: POLYCIZER® DOTP

Chemical Name: Dioctyl terephthalate
Synonyms: DOTP; Bis(2-ethylhexyl) terephthalate

Recommended Use: Plasticizer

Manufactured for and supplied by:

Supplier: Harwick Standard Distribution Corporation
Supplier Address: 60 S. Seiberling Street, Akron, OH 44305
Contact: Health, Safety & Environment
Telephone: 330-798-9300
Website: www.harwickstandard.com

SECTION 2 – HAZARD(S) IDENTIFICATION

Classification of the Substance or Mixture:

Material is not considered hazardous by the OSHA Hazard Communication Standard 29 CFR 1910.1200

GHS Label Elements:

Hazard symbol: None
Signal word: None

Hazard Statements:

No known significant effect or critical hazards.

Precautionary Statements:

Prevention: Not applicable.
Response: Not applicable.
Storage: Not applicable.
Disposal: Not applicable.

Hazard(s) not otherwise classified (HNOC): None known

HMIS Rating: HEALTH 1 FLAMMABILITY 1 REACTIVITY 0

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Substance/mixture:



Components Chemical Identity	CAS Number	Weight%
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Diocetyl terephthalate	6422-86-2	>99
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There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION 4 – FIRST AID MEASURES

Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation: Remove person to fresh air. Get medical attention if symptoms occur.

Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion: Rinse out mouth with water and give plenty of water to dilute product. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention.

Most important symptoms/effects, acute and delayed:

Potential acute health effects:

Eye contact:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Skin contact:	No known significant effects or critical hazards.
Ingestion:	No known significant effects or critical hazards.

Over-exposure signs/symptoms:

Eye contact:	No specific data
Inhalation:	No specific data
Skin contact:	No specific data
Ingestion:	No specific data

Indication of immediate medical attention and special treatment needed:

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing method: In case of fire, use carbon dioxide, dry chemical, water spray, foam.

Unsuitable extinguishing method: None known.



Specific hazards arising from chemical: In a fire or if heated, the product is combustible. Cool endangered containers with water-spray.

Special firefighting equipment and precautions for firefighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Firefighting equipment/instructions: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. Handle in accordance with good industrial hygiene and safety practice.

Methods and materials for containment and cleaning up:

For large spills: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Pump off product, contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor.

For small spills: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Environmental precautions:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling: Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from



incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits: None

Appropriate engineering controls: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection measures, such as personal protective equipment:

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection:

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice. Avoid inhalation of mists. Avoid contact with the skin, eyes and clothing.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance: Clear to pale hue liquid
Odor: None
pH: Not available
Boiling Point/Range: 383°C
Melting Point/Range: -48°C



Flash Point (°C):	238°C (460°F)
Flammable/Explosion Limits:	Not available
Vapor Pressure:	Not available
Specific Gravity:	.986
Solubility:	Slightly soluble in water
Partition Coefficient: (n-octanol/water)	Not available
Auto-ignition Temperature:	Not available
Viscosity:	Not available
Density:	Not available
Explosive Properties:	Not available

SECTION 10 - STABILITY & REACTIVITY

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability: Material is stable under recommended storage and handling conditions.

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid: Keep away from sources of ignition: heat, sparks, open flame. Avoid extreme heat.

Incompatible materials: Keep away from strong oxidizing agents.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 - TOXICOLOGICAL INFORMATION

Basis for Assessment:

Information given is based on producer's own tests and knowledge of the components and toxicology of similar products.

Acute Toxicity

Assessment of acute toxicity:

LD50 Oral	Rat	20,000 mg/kg
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Assessment other acute effects:

Assessment of STOT single: No information available.

Irritation/Corrosion:



Assessment of irritating effects: Repeated and/or prolonged skin contact may cause irritation. Ingestion may cause irritation of the gastrointestinal tract. May cause irritation to the respiratory system if inhaled.

Sensitization:

Assessment of sensitization: No information available.

Chronic Toxicity/Effects

Genetic toxicity:

No information available.

Carcinogenicity:

No information available.

Reproductive toxicity:

No information available.

Teratogenicity:

No information available.

Symptoms of Exposure

No significant symptoms are expected due to the non-classification of the product.

SECTION 12 - ECOLOGICAL INFORMATION

Basis for Assessment:

Information given is based on producer's own tests and knowledge of the components and toxicology of similar products.

Ecotoxicity: EC50 (Daphnia magna): > 0.62 mg/l

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility in soil: No information available.

Additional information:

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste disposal instructions: Dispose of in a licensed facility. Do not discharge substance/product into sewer system. Dispose of in accordance with national, state and local regulations.



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Container disposal instructions: Dispose of in a licensed facility.

SECTION 14 - TRANSPORTATION INFORMATION

U.S. DOT Classification: Not DOT regulated.

SECTION 15 - REGULATORY INFORMATION

U.S.:

TSCA Inventory Status:

Chemical components are listed on the TSCA inventory.

SARA Sections 311 & 312

Superfund Amendments & Reauthorization Act of 1986 Title III: None

SARA Section 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 40CFR 372: None known.

SECTION 16 - OTHER INFORMATION

Issue date: 05-11-2015

Version #: 01

Revision Information: GHS Format

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