



HARWICK
S T A N D A R D

Safety Data Sheet
POLYCIZER[®] MO
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SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: POLYCIZER[®] MO

Chemical Name: Refined Corn Oil

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

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Substance/mixture:

<u>Components Chemical Identity</u>	<u>CAS Number</u>	<u>Weight%</u>
Refined Corn Oil	8001-30-7	≤100



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: Flush eyes with water for at least 15 minutes. Seek medical assistance, if necessary.

Inhalation: Remove the subject from the source of exposure.

Skin contact: Wash affected area with water.

Ingestion: If product is accidentally ingested, seek 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: Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing method: In case of fire, use water, carbon dioxide (CO₂) or dry chemical.

Unsuitable extinguishing method: None known.

Specific hazards arising from chemical: Product as a liquid does not pose explosive hazards. Becomes combustible liquid above Flash Point.

Hazardous thermal decomposition products: Carbon oxides



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. Class B fire application of water to burning oil can cause spattering. Oil will float on water.

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. Avoid contact with skin, eyes and mucous membranes. Protective equipment is not required for cleanup unless product temperature is sufficient to require precautions.

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. 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: Avoid contact with eyes and mucous membranes. Use protective equipment appropriate for the product temperature. 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: OSHA PEL: 15 mg/m³ (Total particulate); 5mg/m³ (Respirable particulate)
Pertains to mist only.

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: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Viscous Clear to light yellow liquid
Odor:	Faint corn oil
pH:	Not available
Boiling Point/Range:	Not available
Melting Point/Range:	Not available
Flash Point (°C):	610°F
Flammable/Explosion Limits:	Not available
Vapor Pressure:	Not available
Solubility:	Not available
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 dangerous reactions are known or reasonably foreseeable.

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

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

Conditions to avoid: Prolonged heating.

Incompatible materials: Oxidizing agents.

Hazardous decomposition products: Carbon monoxide, carbon dioxide, irritant gasses and smoke.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity

LD50-No data available



Irritation/Corrosion:

Skin: No data available
Eyes: No data available
Respiratory: No data available

Sensitization:

Skin: No data available
Respiratory: No data available

Germ cell mutagenicity: No data available

Carcinogenicity: Product is not listed as an IARC, NTP, ACHIG or OSHA carcinogen.

Reproductive toxicity: Product is not classified as a reproductive toxin by any authoritative body or regulatory agency.

Teratogenicity: No data available

Specific target organ toxicity-single exposure: No data available

Specific target organ toxicity-repeated exposure: No data available

Aspiration hazard: No data available

Information on likely routes of exposure: Not available

Potential acute health effects:

Inhalation: No known significant effects or critical hazards known.
Skin Contact: No known significant effects or critical hazards known.
Eye Contact: Eye contact may cause mild transient irritation.
Ingestion: No known significant effects or critical hazards known.

Symptoms related to the physical, chemical and toxicological characteristics: No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure:

Short term exposure:

Potential immediate effects: Not available.
Potential delayed effects: Not available.

Long term exposure:

Potential immediate effects: Not available.
Potential delayed effects: Not available.

Potential chronic health effects: No data available



Ecotoxicity: No data available

Mobility in soil: No data available

Other adverse effects: No known significant effects or critical hazards.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal instructions: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14 - TRANSPORTATION INFORMATION

U.S. DOT Classification: Not DOT regulated.

SECTION 15 - REGULATORY INFORMATION

U.S.:

United States TSCA Inventory: All components are listed or exempt.

SARA 313: This product does not contain a chemical listed at or above de minimis concentrations 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.

SARA Sections 311/312: This products contains no chemicals subject to the reporting requirements of Sections 311/312.

SECTION 16 - OTHER INFORMATION

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