



PDO – PK

1. PRODUCT & COMPANY IDENTIFICATION

Product Name: PDO – PK
Supplier Name: DuPont Tate & Lyle Bio Products Company 198 Blair Bend Drive
Address: Loudon TN 37774
United States of America
INCI Name: Propanediol
CAS Number: 504-63-2
Formula: Not available
Product Form: Liquid
Product Use: Cosmetic use

2. HAZARDS IDENTIFICATION

GHS Classification: Not classified.
GHS Labeling: Not classified.
GHS Hazard Pictograms: None
GHS Hazard Statements: None
GHS Precautionary Statements: None
Potential Health Hazards: Eyes: No known hazard.
Inhalation: No known hazard.
Skin: No known hazard.
Ingestion: May cause diarrhea.
NFPA Ratings (704): 0 Minimal
0 Minimal
0 Minimal

Specific Hazard n/a

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product does not contain any ingredient / component that requires disclosure according to OSHA hazard communication standard 2012.

4. FIRST AID MEASURES

Eyes: In case of eye contact, rinse with plenty of water and seek medical attention if necessary
Inhalation: No hazards which require special first aid measure.
Skin: Flush with plenty of water and wash using soap.
Ingestion: No hazards which require special first aid measure.



5. FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:

Product not flammable. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.

Special protective equipment & precautions for firefighters:

Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

Specific hazards arising from the chemical:

May emit toxic fumes under fire conditions. See also Stability and Reactivity section.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: See section 8 for recommendations on the use of personal protective equipment.

Environmental precautions: Not available

Methods and material for containment and cleaning up: Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7. HANDLING & STORAGE

Precautions for safe handling: Conditions for safe storage, incl. any incompatibilities: See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use. Store in cool, dry well ventilated area. Keep away from incompatible materials (see section 10 for incompatibilities).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Exposure Limits	Basis	Entity
Propanediol	Not available		

TWA: Time Weighted Average over 8 hours of work.

TLV: Threshold Limit Value over 8 hours of work.

REL: Recommended Exposure Limit

PEL: Permissible Exposure Limit

Personal Protection:

Eyes: Not required but wear chemical safety glasses or goggles.



- Inhalation: Not needed under normal conditions of use.
- Body: Slip proof shoes may be worn where spills may occur
- Other: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Transparent liquid
Odor:	Slight characteristic odor
Vapor Density:	No applicable data available
Taste:	Sweet
Iodine Value:	No applicable data available
Color:	Clear
Flammability:	No applicable data available
Evaporation Rate:	No applicable data available
Peroxide Value:	No applicable data available
pH:	No applicable data available
Solubility:	freely soluble in water
Boiling Point:	214 °C
Flash Point (COC):	129 °C
Melting Point:	- 24.6 °C
Specific Gravity:	1.052 g/cm ³

10. STABILITY AND REACTIVITY

Reactivity:	Product is stable
Chemical Stability:	Product is stable.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Avoid strong oxidizers, nitric or sulfuric acid.
Incompatible Materials:	No known
Hazardous Decomposition Products:	Burning can produce smoke, CO, CO ₂ , ammonia and other products of incomplete combustion
Special Remarks:	None

11 TOXICOLOGICAL INFORMATION

Skin:	HRIPT results indicate that the product is non-irritating
Eyes:	Not expected to be an irritant
Respiratory:	No applicable data available
Ingestion:	No applicable data available
Carcinogenicity:	None of the components are listed as carcinogen with IARC, NTP, OSHA, ACGIH
Teratogenicity:	Not available
Germ Cell Mutagenicity:	Not expected to be mutagenic.
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not available
Reproductive Toxicity:	Not expected to affect reproduction or development
Respiratory/Skin Sensitization:	Not available



12. ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Vertebrate:	Not available
Aquatic Invertebrate:	Not available
Terrestrial:	Not available
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available
PBT and vPvB Assessment:	Not available
Other Adverse Effects:	Not available

13. DISPOSAL CONSIDERATIONS

Waste Residues: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods.

14. TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated.
TDG (Transportation of Dangerous Goods, Canada):	Not regulated.
IMDG (International Maritime Dangerous Goods):	Not regulated.
IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	Not regulated.

15. REGULATORY INFORMATION

TSCA Inventory Status:	Not listed.
DSCL (EEC):	This material is not classified as Dangerous according to the health and physical properties criteria of the EU Directives on the classification of substances and preparation.



16. OTHER INFORMATION

Revision Date: 02-01-2023

Compliance: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.