

# SAFETY DATA SHEET

## PROPANEDIOL 1,3

### 1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Propanediol 1,3

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,  
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

### 2. HAZARD IDENTIFICATION

Not classified as a hazardous substance or mixture according to the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard 2012.

#### Other hazards

No applicable data available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME	CAS NO.	CONCENTRATION (%)
Propanediol	504-63-2	≥ 99.8

### 4. FIRST AID MEASURES

#### General advice

No applicable data available.

#### Inhalation

No hazards which require special first aid measures.

#### Skin contact

No hazards which require special first aid measures.

#### Eye contact

Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

**Ingestion**

No hazards which require special first aid measures

**Most important symptoms/effects, acute and delayed**

Not applicable data available.

**Protection of first-aiders**

Not applicable data available.

**Notes to physician**

Not applicable data available

**5. FIRE FIGHTING MEASURES**

**Suitable extinguishing media**

Water, Foam, Dry chemical, Carbon dioxide (CO<sub>2</sub>)

**Unsuitable extinguishing media**

No applicable data available.

**Specific hazards**

Exposure to decomposition products may be a hazard to health.

**Special protective equipment for firefighters**

Wear self-contained breathing apparatus and protective suit.

**Further information**

Evacuate personnel to safe areas. Evacuate personnel and keep upwind of fire.

**6. ACCIDENTAL RELEASE MEASURES**

NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

**Safeguards (Personnel)**

No applicable data available.

**Environmental precautions**

Do not flush into surface water or sanitary sewer system.

**Spill Cleanup**

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

**Accidental Release Measures**

No applicable data available.

**7. HANDLING AND STORAGE**

**Handling (Personnel)**

No special precautions are needed in handling this material.

**Handling (Physical Aspects)**

No applicable data available.

**Dust explosion class**

No applicable data available.

**Storage**

Store in a cool, dry place. Keep container closed to prevent contamination. Store bulk quantities under nitrogen blanket Keep away from heat, sparks and flames.

**Storage period**

No applicable data available.

**Storage temperature**

No applicable data available

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Engineering controls**

Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment**

**Respiratory protection**

A respiratory protection program that meets country requirements must be followed whenever workplace conditions warrant respirator use. Consult the OSHA respiratory protection information located at 29CFR 1910.134.

**Eye protection**

Wear safety glasses with side shields.

**Skin and body protection**

Where there is potential for skin contact have available and wear as appropriate impervious gloves, apron, pants, and jacket.

**Exposure Guidelines**

**Exposure Limit Values**

This product does not contain any exposure limits that require disclosure according to OSHA Hazard Communication Standard 2012.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Form	Liquid
Color	Transparent
Odor	Slight odor
Odor threshold	No applicable data available
PH	No applicable data available
Melting point/ freezing point	Melting point -24.6°C (-12.3°F)
Boiling point/ boiling range	Boiling point 214°C (417°F)
Flash Point	129°C Method: Cleveland open cup – COC
Evaporation rate	No applicable data available.
Flammability (solid,gas)	No applicable data available.
Upper explosion limit	No applicable data available.
Lower explosion limit	No applicable data available.
Vapor pressure	0.1067 hPa at 20 °C (68 °F); 13.0656 hPa at 100 °C (212 °F) ; 0.58 hPa at 25 °C (77 °F)
Vapor density	No applicable data available.
Specific gravity (Relative density)	1.053
Water solubility	> 1,000 g/l
Solubility(ies)	No applicable data available.
Partition coefficient: n-octanol/water	No applicable data available.
Auto-ignition temperature	No applicable data available.
Decomposition temperature	> 129°C
Viscosity, kinematic	No applicable data available.
Viscosity, dynamic	52 mPa.s at 20 °C (68 °F)

## 10. STABILITY AND REACTIVITY

### Reactivity

No applicable data available.

### Chemical stability

Stable at normal temperatures and storage conditions.

### Possibility of hazardous reactions

Hazardous polymerization will not occur.

### Conditions to avoid

Temperature > 129 °C (> 264 °F)

### Incompatible materials

Strong acids and oxidizing agents

**Hazardous decomposition products**

No decomposition if stored normally.

**11. TOXICOLOGICAL INFORMATION**

**Further information**

No data is available on the product itself.

**Carcinogenicity**

The carcinogenicity classifications for this product and/or its ingredients have been determined according to HazCom 2012, Appendix A.6. The classifications may differ from those listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or those found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition). None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

**12. ECOLOGICAL INFORMATION**

**Additional ecological information**

No data is available on the product itself.

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal methods - Product**

Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial, and local regulations. Contaminated packaging No applicable data available.

**14. TRANSPORT INFORMATION**

Not regulated in transportation by DOT/IMO/IATA.

Not classified as dangerous in the meaning of transport regulations.

**15. REGULATORY INFORMATION**

**HSNO (NZ) Status**

Exempt

**TSCA**

In compliance with TSCA Inventory requirements for commercial purposes.

**SARA 313 Regulated Chemical(s)**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**PA Right to Know Regulated Chemical(s)**

Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): None known. NJ Right to Know Regulated Chemical(s) Substances on the New Jersey Workplace Hazardous Substance List present at a concentration of 1% or more (0.1% for substances identified as carcinogens, mutagens or teratogens): None known.

**California Prop. 65**

Chemicals known to the State of California to cause cancer, birth defects or any other harm: none known

**16. OTHER INFORMATION**

**All statements, technical information and recommendations contained herein are based on tests and data which Natural Bulk Supplies believes to be currently reliable, but this accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto. This information is not intended as a license to operate under or a recommendation to practice or infringe any patent of this company or others covering any process, composition of matter or use. Since we shall have no control of the use of the product described here in, we assume no Liability for loss or damage incurred from the proper or improper use of such product.**