



Shay and Company
10639 SE Fuller Rd
Milwaukie, OR 97222
Ph: 503-653-1155
info@shayandcompany.com

SAFETY DATA SHEET

Version: 1.0

Revision Date: 10/10/2025

1. Product and Company Identification:

Product: 1,3 Propanediol Natural

Item Code: 90104

Distributor: Shay and Company

2. Hazard Identification:

Hazard Symbol: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Risk Phrases:

Routes of entry: Eyes, skin, oral, inhalation

Acute Eye Contact: May cause mild reversible eye irritation.

Chronic Eye Contact: Chronic exposure not likely from normal use.

3. Composition/Information on Ingredients:

Ingredient Deck: 1,3 Propanediol Natural

CAS no: 503-63-2

Hazardous Ingredient/s: n/a

4. First Aid Measures:

Inhalation: Remove to fresh air; seek medical attention if irritation persists.

Eyes: Flush immediately with plenty of water; seek medical attention if irritation persists.

Skin: Wash with soap and water, seek medical attention if irritation develops or persists.

Ingestion: Do not induce vomiting; drink 2-3 glasses of water, contact physician for further treatment.

5. Fire Fighting Measures:

Suitable Extinguishers: Water, Foam, Dry chemical, Carbon dioxide (CO2)

Extinguishers Not to be Used: none

Hazardous Decomposition Products: none

Special Fire Fighting Procedures: none



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6. Accidental Release Measures:

Personal Precautions: none

Environmental Precautions: none

Clean Up Procedure: 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.

7. Handling and Storage:

Handling Precautions: Handle in accordance with good industrial hygiene and safety practice.

Storage Requirements: Keep in a dry, sealed container

Temp. Max: n/a

Temp. Min: n/a

8. Exposure Controls/Personal Protection:

Occupational Exposure Limit: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Respiratory Protection: Use with adequate ventilation

Eye Protection: Wear safety glasses

Skin Protection: Protective clothing is not necessary

9. Physical and Chemical Properties:

Description: Clear liquid; no aroma

pH: N/A

Melting Point: -24.6°C/-12.3°F

Boiling Point: 214°C/417°F

Flash Point: 129°C/264.2°F

Solubility in Water (by weight): >1000g/l

10. Stability and Reactivity:

Condition to Avoid: Temperature > 129 °C (> 264 °F)

Materials to Avoid: Strong acids and oxidizing agents

Hazardous Decomposition Products: none

Stabilization Techniques: none; product is stable

11. Toxicological Information:

Carcinogenicity



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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:

General Information: n/a

13. Disposal Considerations:

Handling Precautions: None

Method of Disposal: Dispose of accordance with local regulations.

Contaminated Packaging: Dispose of accordance with local regulations.

14. Transportation Information:

Non-Hazardous Cargo. No special Transporting facility required.

15. Regulatory Information:

TSCA (US) Status : In compliance with TSCA Inventory requirements for commercial purposes.

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

PA Right to Know : Substances on the Pennsylvania Hazardous Substances List present at a Regulated Chemical(s) concentration of 1% or more (0.01% for Special Hazardous Substances): None known.

NJ Right to Know : Substances on the New Jersey Workplace Hazardous Substance List present Regulated Chemical(s) 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:

N/A



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The information provided above is intended only as a guide to the appropriate precautionary handling of the item. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Shay and Company believes the above information to be accurate based on the information available, however, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Shay and Company meets their quality requirements and is appropriate for the use to which the product is to be put.