



Shay and Company
10639 SE Fuller Rd
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Ph: 503-653-1155
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SAFETY DATA SHEET

Version: 1.0

Revision Date: 01/03/2022

1. Product and Company Identification:

Product: dl-Panthenol
Item Code: 99190
Distributor: Shay and Company

2. Hazard Identification:

Classification according to Regulation (EC) No 1272/2008 [CLP]:
The substance does not meet the criteria for a hazardous substance

Classification according to Directive 1999/45/EC [DPD]:
The substance does not meet the criteria for dangerous substances

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: dl-Panthenol
CAS no: 16485-10-2
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: No special requirements, water spray, carbon dioxide, dry chemical powder or an appropriate foam.
Extinguishers Not to be Used: none



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Hazardous Decomposition Products: Burning can produce smoke, carbon monoxide, and carbon dioxide.

Special Fire Fighting Procedures: Exercise caution when fighting any chemical fire. Use an approved self-contained breathing apparatus with a full-face piece and protective clothing.

6. Accidental Release Measures:

Personal Precautions: Ensure adequate ventilation. Wear appropriate protective clothing and equipment (i.e. - splash proof goggles and rubber/plastic gloves).

Environmental Precautions: none

Clean Up Procedure: Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up spilled material and package for reclamation or recovery. Avoid raising dust. Ventilate area and wash spill site after material pick up is complete. Do not flush into sewer or stream. Dispose of in accordance with all Federal, State and Local regulations.

7. Handling and Storage:

Handling Precautions: Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.

Storage Requirements: Store at room temperature in a clean and dry place. Keep container tightly sealed. Keep away from direct sunlight. Avoid bacterial contamination.

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: White crystalline powder; no odor

Melting Point: 64.5-69°C

Boiling Point: n/a

Solubility in Water (by weight): Soluble in water



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10. Stability and Reactivity:

Condition to Avoid: none

Materials to Avoid: Moisture

Hazardous Decomposition Products: Burning can produce smoke, CO, CO₂, oxides and nitrogen

Stabilization Techniques: none; product is stable

11. Toxicological Information:

Acute toxicity: Intraperitoneal mouse 10100 mg/kg

Irritation: May cause skin or eye irritation

Corrosivity: Not determined

Sensitization: Not determined

Repeated dose toxicity: Not determined

Carcinogenicity: None of the components are listed as a carcinogen by IARC, NTP, OSHA, ACGIH or the EU Substances Directive.

Mutagenicity: Not determined

Toxicity for reproduction: Not determined

12. Ecological Information:

12.1 Toxicity: No ecotoxicity data available

Acute (short-term) toxicity: N/A

Fish: N/A

Crustacea: N/A

Algae/aquatic plants: N/A

Other organisms: N/A

Chronic (long-term) toxicity: N/A

Fish: N/A

12.2 Persistence and Degradability: Not determined

12.3 Bio accumulative Potential: Not determined

12.4 Mobility in Soil: Not determined

12.5 Results of PBT and vPvB Assessment: Not required

12.6 Other Adverse Effects: None known

13. Disposal Considerations:

Handling Precautions: None



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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:

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

EU EINECS/ELINCS/NLP:	All of the components of this product are listed on the EINECS Inventory.
Canada DSL/NDSL:	All of the components of this product are listed on the DSL.
US TSCA	All of the components of this product are listed on the US TSCA.
New Zealand	Not available
China IECSC:	All of the components of this product are listed on the IECSC.
Japan ENCS:	All of the components are listed on the Japanese Existing and New Chemical
Substances Inventory.	
Philippine PICCS:	All of the components of this product are listed on the PICCS.
Australia AICS:	All of the components of this product are listed on the AICS.

16. Other Information:

N/A

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.



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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.