

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING**

**1.1 Product Identifier:**

**Trade Name** DL Panthenol FCC/USP  
**INCI Name** Panthenol

**1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:**

**Product Use:** Active ingredient in cosmetic and personal care applications

**1.3 Details of the Supplier of the Safety Data Sheet:**

**Manufacturer:** TRI-K INDUSTRIES, INC.  
2 Stewart Court  
Denville, NJ 07834  
**Information Phone Number:** (973) 298-8850  
**E-mail** info@tri-k.com

**1.4 Emergency Telephone Number:**

**Emergency Spill Information** (973) 298-8850 (TRI-K Industries, Inc.)  
(800) 222-1222 (National Poison Control Center)

**24-HOUR EMERGENCY TELEPHONE NUMBER** CHEMTREC (800) 424-9300

**SDS Date of Revision:** January 3, 2022

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the Substance or Mixture**

**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

**2.2 Label Elements: Labeling according to Regulation (EC) No 1272/2008 [CLP]**

Not applicable  
Hazard Statement: Not applicable  
Precautionary Statement: Not applicable

**2.3 Other Hazards: None**

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS#	EINECS#	DSD Classification (67/548/EEC)	CLP Classification (EC) No 1272/2008	%
DL Panthenol	16485-10-2	240-540-6	Not classified as dangerous	Not classified as hazardous	~ 100 %

**Additional information:** For full text of H-statements and R-phrases: see SECTION 16

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of First Aid Measures:**

**Eye Contact:** Flush eyes with clean water for at least 15 minutes. Seek medical attention.

**Skin Contact:** Wash with soap and water. Seek medical attention.

**Inhalation:** Move victim to fresh air. Seek medical attention.

**Ingestion:** Drink 2 glasses of water. Seek medical attention.

**4.2 Most Important symptoms and effects, both acute and delayed:**

May cause mild eye and/or skin irritation. Swallowing may cause abdominal discomfort.

**4.3 Indication of any immediate medical attention and special treatment needed:**

No immediate medical treatment normally needed.

**SECTION 5: FIRE FIGHTING MEASURES**

**5.1 Suitable Extinguishing Media:**

No special requirements, water spray, carbon dioxide, dry chemical powder or an appropriate foam.

**5.2 Special Hazards Arising from the Substance or Mixture:**

**Unusual Fire and Explosion Hazards:** Emits toxic fumes under fire conditions. **Hazardous**

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

**5.3 Advice for Fire-Fighters:**

**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.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1 Personal Precautions, Protective Equipment and Emergency Procedures:**

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

**6.2 Environmental Precautions:**

Non-hazardous but avoid direct releases to the environment.

**6.3 Methods and Material for Containment and Cleaning Up:**

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.

**6.4 Reference to Other Sections:**

Refer to Section 8 for protective equipment and Section 13 for disposal considerations

**SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for Safe Handling:**

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

**7.2 Conditions for Safe Storage, Including any Incompatibilities:**

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

**7.3 Specific end use(s):**

Active ingredient in cosmetic and personal care applications

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control Parameters:**

Chemical Name	8.1.1 Occupational Exposure Limits:	8.1.2 Additional exposure limits under the conditions of use:	8.1.3 DNEL/DMEL and PNEC-Values:
DL Panthenol	No limits established	Not Available	Not Available

**8.2 Exposure Controls:**

**8.2.1 Appropriate Engineering Controls:** General mechanical ventilation is acceptable

**8.2.2 Individual protection measures, such as personal protective equipment:**

**Eye/face protection:** Chemical goggles with side splash protection recommended

**Hand Protection:** Protective gloves

**Body Protection:** None required under normal conditions of use

**Respiratory Protection:** None required under normal conditions of use

**Thermal Hazards:** None required under normal conditions of use

**Other:** An eye wash facility should be available in the work area. Employees must practice good personal hygiene, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

**8.2.3 Environmental Exposure Controls:** Non-hazardous but avoid direct releases to the environment

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic Physical and Chemical Properties:**

<b>Appearance:</b> Crystals, off white to white in color	<b>Vapor Density:</b> Not applicable
<b>Odor:</b> Characteristic	<b>Specific Gravity:</b> 1.2
<b>Odor Threshold:</b> No data available	<b>Water Solubility:</b> Soluble
<b>pH:</b> Not applicable	<b>Octanol/Water Partition Coefficient:</b> Not available
<b>Melting Point:</b> 64.5 – 69.0°C	<b>Auto-ignition Temperature:</b>
<b>Boiling Point:</b> Not applicable	<b>Decomposition Temperature:</b> Not available
<b>Flash Point (COC):</b> Not applicable	<b>Viscosity (cP):</b> Not available
<b>Evaporation Rate:</b> Not applicable	<b>Explosion Properties:</b> Not available
<b>Flammable Limits:</b> Not applicable	<b>Oxidizing Properties:</b> Not determined
<b>Vapor Pressure:</b> Not applicable	<b>% Volatile:</b> Not determined

**9.2 Other Information:**

None

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity:**

Not reactive under normal conditions of use

**10.2 Chemical Stability:**

Protect from moisture

**10.3 Possibility of Hazardous Reactions:**

None known

**10.4 Conditions to Avoid:**

Open air, sunlight, excessive heat, and sources of ignition

**10.5 Incompatible Materials:**

Strong oxidizers

**10.6 Hazardous Decomposition Products:**

Burning can produce smoke, CO, CO<sub>2</sub>, oxides and nitrogen

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on Toxicological Effects:**

**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

**SECTION 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

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste Treatment Methods:**

Dispose in accordance with local and federal environmental regulations

**SECTION 14: TRANSPORT INFORMATION**

	US DOT	EU land transport (ADR/RID/ADN)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
<b>14.1</b> UN Number				
<b>14.2</b> UN Proper Shipping Name	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3</b> Transport Hazard Class(s)				
<b>14.4</b> Packing Group				
<b>14.5</b> Environmental Hazards	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.6</b> Special Precautions for user	None	None	None	None
<b>14.7</b> Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable	Not applicable	Not applicable	Not applicable

**SECTION 15: REGULATORY INFORMATION**

**15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:**

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

**15.2 Chemical Safety Assessment:**

Not required

**SECTION 16: OTHER INFORMATION**

**16.1 Indication of Changes**

12/14/11: Converted SDS to CLP format. All sections revised.

9/25/2013: Company address updated.

11/7/2014: Section 15: prop 65 added

4/17/2015: Updated document name

5/26/2015: Updated format

11/29/2017: Updated format

06/26/2019: Updated Legal Disclaimer

09/11/2019: Updated Section 11.1

08/31/2020: Updated Section 12.2 & 12.3

01/03/2022: updated address

**16.2 List of Relevant R- phrases (number and full text):**

Not applicable

**16.3 Legal Disclaimer**

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