

1 - Identification

Product Name	DL-Panthenol
Address	Ingredients To Die For, 11110 Metric Blvd, Ste D, Austin, TX 78758
Phone	512-535-2711
Emergency Phone	US & Canada International

2 - Hazard(s) Identification

Hazards designation	Void
Information pertaining to articular dangers for man or environment	Void
GHS label elements	Void

3 - Composition/Information on Ingredients

Chemical Description (Mixture)	DL-Panthenol (100%)
CAS Number	16485-10-2
EINECS Number	240-540-6

4 - First-Aid Measures

First Aid Measures

Inhalation	Supply fresh air. If required, provide artificial respiration. Keep patient warm, consult doctor. If symptoms persist, seek medical advice.
Skin Contact	Instantly wash with water and soap and rinse thoroughly. Seek medical advice.
Eye Contact	Rinse opened eye for several minutes under running water, then consult doctors.
Ingestion	Seek immediate medical advice.

5 - Fire-Fighting Measures

Extinguishing Media

CO2 extinguishing powder or water jet. Fight larger fires with water jet or alcohol resistant foam.

Special exposure hazard of substance or production, its combustion products and gases thereof Can be released in case of fire; carbon monoxide and carbon dioxide, nitrogen oxide.

Special Protection for firefighting purpose Wear self-contained breathing apparatus; wear full protective suit.

6 - Accidental Release Measures

Person related safety precaution

Wear protective equipment, keep unprotected persons away, ensure adequate ventilation. Measures for environmental protection; do not allow materials released to the environment without proper governmental permits.

Measures for cleaning/collection

Collect mechanically

Additional information

See section 7 for information on handling. See section 8 for information on personal protection equipment. See section 13 for information on disposal.

7 - Handling and Storage

Handling

Keep containers tightly sealed, store in cool, dry place in tightly closed containers. Not special precautions necessary if used correctly.

Information about protection against Requirements to be met by storerooms

Keep ignition sources away. Do not smoke.
No special requirements

Additional storage conditions remarks

Store away from water. Store away from oxidizing agents. This product is hygroscopic. Keep container tightly sealed. Store in cool dry conditions in well-sealed containers. Protect from humidity and keep away from water.

8 - Exposure Controls/Personal Protection

Additional remarks for technical equipment	Properly operating chemical fume designed for hazardous chemicals and having average face velocity of at least 100 feet per minute.
Personal protection devices	The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, beverages and food. Instantly remove any soiled and impregnated garments. Wash hands during breaks and at the end of the work.
Respiratory protection	Use breathing protection with high concentrations.
Hand/Skin protection	Check protective gloves prior to each use for their proper condition.
Eye protection	Safety glasses
Body protection	Protective work clothing

9 - Physical and Chemical Properties

Form	Solid
Odor	Not determined
Melting point	64.5-68.5
Boiling point	Not determined
Flash point (AOCS Cc 9a-48)	Not applicable
Ignition temperature	Not determined
Decomposition temperature	Not determined
Auto flammability	The product is not explosive.
Explosion limits	Not explosive
Vapor pressure	Not determined
Density	Not determined
Lower	Not determined
Upper	Not determined

10 - Stability and Reactivity

Thermal decomposition/conditions to avoid	No decomposition if used and sorted according to specification.
Materials to be avoided	Water/moisture; oxidizing agents
Dangerous reactions	No dangerous reactions known

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Dangerous products of decomposition Carbon monoxide and carbon dioxide; nitrous vitrol gases

11 - Toxicological Information

Acute toxicity:

On the skin May cause irritation

On the eye May cause irritation

Sensitization No sensitizing effect known

Additional toxicological information The acute and chronic toxicity of this substance is not fully known. No classification date on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.

12 - Ecological Information

Water hazard class 1 (self assessment) Slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water bodies, or sewage system. Do not allow material to be released to the environment without proper governmental permits.

13 - Disposal Considerations

Product recommendation Consult state, local or national regulations for proper disposal. Hand over to disposers of hazardous waste. Must be specially treated under adherence to official regulations.

Uncleaned packaging recommendation Disposal must be made according to official regulations.

14 - Transport Information

Land transportation ADR/RID and GGVS/GGVE (cross-border/domestic) None

Maritime transportation IMDG/CCVSea None

Air transportation ICAO-TI and None

Transportation additional information Not dangerous according to the above specifications

15 - Regulatory Information

Designation according to EC guidelines	Observe the normal safety regulations when handling chemicals. The product is not subjected to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV)
National regulations information about	For use only by technically qualified individuals.
Water hazard class	Water hazard class 1 (self assessment): slightly hazardous for water
Other regulations, limitations and prohibitive regulations	Although this chemical may sometimes be used as a food or drug or cosmetic, our products are not approved or suitable for such use or for human consumption.

16 - Other Information

Other information

The information in this publication is believed to be accurate and is given in good faith, but no representation of warranty as to its completeness or

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