



Material Safety Data Sheet

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: dl-Panthenol
CAS #: 16485-10-2
Distributor: McKINLEY RESOURCES
Address: PO Box 810472, Dallas, TX 75381
Phone Number: 972-620-9730

SECTION 2: COMPOSITION

Composition:

Name	CAS#	EINECS#	% by Wt.
Panthenol	16485-10-2	240-540-6	100

SECTION 3: HAZARDS IDENTIFICATION

INCI Name: Panthenol

Hazard Summary (As defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200):
No specific hazards are encountered under normal use conditions.

Acute Toxicity: Not a health hazard.
Skin Contact: May cause skin irritation
Eye Contact: May cause eye irritation

SECTION 4: FIRST AID MEASURES

Eye Contact: Rinse immediately with water for at least 10 min., keeping eyelids raised.
Skin Contact: Wash with water. Remove contaminated clothing.
Ingestion: Seek medical advice.
Inhalation: Remove victim to fresh air.

SECTION 5: FIRE AND EXPLOSION DATA

Fire Fighting Media: Foam, carbon dioxide, water or dry chemicals.
Risks Arising from Combustion: Noxious fumes may be emitted.
Protective Equipment: Use protection for respiratory tract.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use gloves and goggles.
Environmental Precautions: Biodegradable product.
Method for Clean-up: Use appropriate tools to put the spilled solid in a waste disposal container. Use care to avoid dust generation. Dispose of material in accordance with federal, state and local regulations.



SECTION 7: HANDLING AND STORAGE

Handling: Open, handle and use under well ventilated conditions. Wash thoroughly after handling.
Storage: Keep containers closed in order to maintain the performance of the product.
Store at room temperature.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:
Give adequate ventilation to the premises where the product is stored and/or handled.

Personal Protection Equipment: Not needed for normal use.

Control Parameters: Not needed for normal use.

Eye Protection: Goggles

Hand Protection: Gloves

Hygiene Measures: Use good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White/creamy powder
Odor: Characteristic
Boiling Point: 118°-120°C
Melt Point: 64.5°-68°C
Flash Point: NA
Specific Gravity: 1.2 @ 25°C
Solubility: Soluble in water, alcohol, propylene glycol

SECTION 10: STABILITY AND REACTIVITY DATA

Stability: Stable under normal use.

Materials to Avoid: Heat, light and air

Hazardous Decomposition Products: Stable under normal conditions; may emit noxious fumes of CO.

SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation, Ingestion

Toxicity (Animals)

LD50: Not available

LC50: Not available

Chronic Effects on Humans: Not available

CIR (Cosmetic Ingredient Review): Safe for use at concentrations up to 6%.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not available



BOD5 and COD: Not available

Biodegradable Product:

Toxicity of the Products of Biodegradation: The products itself and products of degradation are not toxic.

Special Remarks on the Products of Biodegradation: Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of in authorized landfill or incinerate in accordance with local regulations.

SECTION 14: TRANSPORTATION INFORMATION

DOT Classification: Not a DOT controlled material.

Identification: Not applicable

Special Provisions for Transport: Not applicable.

SECTION 15: OTHER REGULATORY INFORMATION

Federal and State Regulations: TSCA 8(b) Inventory: Panthenol

HMIS (USA):

Health Hazard: 1

Fire Hazard: 1

Reactivity: 0

Personal Protection: E

National Fire Protection Association (USA):

Health: 1

Flammability: 1

Reactivity: 0

SECTION 16: OTHER INFORMATION

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