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MATERIAL SAFETY DATA SHEET

SECTION 1 - MATERIAL AND MANUFACTURER IDENTIFICATION

Manufacturer's Name: JEEN International Corp. Chemtrec Emergency Telephone No.: (800) 424-9300
24 Madison Road Chemtrec International Telephone No.: (703) 527-3887
Fairfield, NJ 07004 (Collect Calls Accepted) Updated: 1/1/05
Tel.# 973-439-1401

TRADE NAME: **DL-PANTHENOL**

SECTION 2- COMPOSITION INFORMATION ON INGREDIENTS

Product Type: Substance
Chemical Name: Panthenol
CAS Number: 16485-10-2
Use of the Substance: Cosmetic

SECTION 3- HAZARD IDENTIFICATION

Hazard Identification: No specific hazards are encountered under normal product use.

SECTION 4- FIRST AID MEASURES

Skin Contact: Wash with plenty of water. Remove contaminated clothing.
Ingestion: Seek medical advice.
Eye Contact: Rinse immediately with water for at least 10 minutes, keeping eyelids raised.
Inhalation: Chronic inhalation of high dust levels may result in the development of pulmonary fibrosis.

SECTION 5- FIRE FIGHTING MEASURES

Extinguishing Media: Foam, carbon dioxide, water or dry chemicals
Risks arising from combustion: It may emit noxious fumes.
Protective Equipment: Use protection for respiratory tract

SECTION 6- ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use gloves and goggles
Environmental Precautions: Biodegradable products
Methods for cleaning: Vacuum or sweep into closed container for disposal. Use care to avoid dust generation.

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.



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SECTION 8- EXPOSURE CONTROLS

Engineering Measures:	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:	NA

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White/Creamy powder
Odour:	Characteristic
pH:	NA
Boiling Point:	Decomposes @ 118-120 deg. C
Melting Point:	64.5 – 68.05 deg. C
Flash Point:	NA
Relative density:	1.2 @ 25 deg. C
Solubility:	Soluble in water, alcohol, propylene glycol

SECTION 10- STABILITY AND REACTIVITY

Conditions to Avoid:	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

Acute Toxicity:	Not a health hazard.
Excessive exposure may effect human health as follows.	
Skin Contact:	May cause eye irritation.
Eye Contact:	May cause skin irritation.
Inhalation/Ingestion:	NA

SECTION 12- ECOLOGICAL INFORMATION

Use according to criteria of good industrial practice, avoid dispersion in the environment.

SECTION 13- DISPOSAL CONSIDERATIONS

If possible recover the product, otherwise dispose of in authorized landfill or incinerate in accordance with local regulations.



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SECTION 14- TRANSPORT INFORMATION

Non Hazardous

SECTION 15- REGULATORY INFORMATION

This product is not considered dangerous

SECTION 16- OTHER INFORMATION

The information herein is given in good faith, but no warranty, expressed or implied is made.

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