



## ***SAFETY DATA SHEET***

### **SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**NAME OF PREPARATION OR SUBSTANCE:** DL-Panthenol  
**SUPPLIER NAME:** YellowBee Packaging and Supplies Inc.  
**SUPPLIER ADDRESS:** #106 2880 107 Ave SE Calgary AB T2Z3R7 Canada  
**TELEPHONE NUMBER:** (587) 352 3929  
**RECOMMENDED USE:** Manufacturing and Industrial

### **SECTION 2 – HAZARDS IDENTIFICATION**

**WHMIS Classification**

Not WHMIS controlled.

**GHS Classification:**

Not a dangerous substance according to GHS.

**GHS Label elements, including precautionary statements**

Symbol/Pictogram: none

Signal Word: none

Hazard Statement(s): none

Precautionary statement(s): none

### **SECTION 3 – COMPOSITION, INFORMATION AND INGREDIENTS**

<b>INGREDIENT</b>	<b>C.A.S. NUMBER</b>	<b>PERCENT</b>
DL-panthenol	[16485-10-2]	100%

### **SECTION 4 – FIRST AID MEASURES**

**Eye contact:** Flush eyes with water as a precaution.

**Skin contact:** Wash off with soap and plenty of water.

**Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water.

**Inhalation:** If breathed in, move person into fresh air. If not breathing, give artificial respiration.

### **SECTION 5 – FIRE FIGHTING MEASURES**

**General information:** Not flammable or combustible.

**Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Specific hazards in case of fire:** Wear self-contained breathing apparatus for firefighting if necessary

**Special protective equipment and precautions for firefighters:** No data available

### **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Avoid dust formation. Avoid breathing vapours, mist or gas.

**Environmental precautions:** Do not let product enter drains.



**Methods and materials for containment and cleaning up:** Sweep up and shovel. Keep in suitable, closed containers for disposal.

## SECTION 7 – HANDLING AND STORAGE

**Precautions for safe handling:** Provide appropriate exhaust ventilation at places where dust is formed.

**Conditions for safe storage, including incompatibilities:** Keep container tightly closed in a dry and well-ventilated place. Hygroscopic.

## SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

**Engineering control measures:** Use mechanical exhaust or laboratory fumehood to avoid exposure.

**Exposure limits:** No data available.

### PERSONAL PROTECTIVE EQUIPMENT:

**Eyes:** Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Clothing:** Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respirators:** Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Solid, crystalline powder
<b>Color:</b>	white – off-white
<b>Odor:</b>	Characteristic (slight)
<b>Odor threshold:</b>	No detail available
<b>pH:</b>	No detail available
<b>Melting point:</b>	66 – 69 °C – lit.
<b>Freezing point:</b>	No detail available
<b>Initial boiling point:</b>	No detail available
<b>Flash point:</b>	No detail available
<b>Evaporation rate:</b>	No detail available
<b>Flammability:</b>	No detail available
<b>Explosion limits:</b>	No detail available
<b>Vapor pressure:</b>	No detail available
<b>Vapor density:</b>	No detail available
<b>Relative density:</b>	No detail available
<b>Solubility:</b>	Easily soluble in cold water, hot water. Soluble in ethanol and propylene glycol
<b>Partition coefficient:</b>	No detail available
<b>Auto-ignition temperature:</b>	No detail available



## SECTION 10 – STABILITY AND REACTIVITY

**Chemical stability:** Stable under recommended storage conditions.

**Possibility of hazardous reactions:** No detail available.

**Conditions to avoid:** Avoid moisture.

**Incompatibilities with other materials:** Strong oxidizing agents.

**Hazardous decomposition products:** Carbon oxides, nitrogen oxides (NOx).

## SECTION 11 – TOXICOLOGICAL INFORMATION

### Acute Toxicity

**Oral LD50** No data available

**Inhalation LC50** No data available

**Dermal LD50** Mouse (intraperitoneal) – 10,100 mg/kg

### Skin corrosion/irritation

No data available

### Serious eye damage/eye irritation

No data available

### Respiratory or skin sensitisation

No data available

### Germ cell mutagenicity

No data available

### Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

### Reproductive toxicology

No data available

### Target organ systemic toxicity – Single exposure

No data available

### Target organ systemic toxicity – Repeated exposure

No data available

### Aspiration hazard

No data available

### Additional Information

RTECS: ES4316500

## SECTION 12 – ECOLOGICAL INFORMATION

### Toxicity

**Toxicity to fish** No data available

**Toxicity to daphnia** No data available

**and other aquatic invertebrates**

**Toxicity to algae** No data available

### Persistence and degradability

No data available

### Bioaccumulative potential

No data available

### PBT and vPvB assessment



No data available  
**Other adverse effects**  
No data available

### SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

### SECTION 14 – TRANSPORT INFORMATION

**DOT (US)** – not regulated as dangerous goods

**IMDG** – not regulated as dangerous goods

**IATA** – not regulated as dangerous goods

### SECTION 15 – REGULATORY INFORMATION

**Federal and State Regulations:** TSCA 8(b) inventory: DL-Pantothenyl Alcohol

**Other Regulations:** EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

**WHMIS (Canada):** Not controlled under WHMIS (Canada).

**DSCL (EEC):** This product is not classified according to the EU regulations. Not applicable.

**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 – ADDITIONAL INFORMATION

The information provided above is intended only as a guide to the appropriate precautionary handling of the material by properly trained personnel using this product. 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. Although YellowBee Packaging and Supplies Inc. believes the above information to be accurate based on the information available to YellowBee, 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 YellowBee meets their quality requirements and is appropriate for the use to which the product is to be put. Use and purchase of this material is subject to YellowBee Packaging and Supplies Inc. standard terms and conditions, which supersede any conflicting terms contained on Buyer's purchase order or any document or instrument supplied by Buyer.

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