

Provitamin B5 Powder (dl-panthenol)

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

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Supersedes: Mar-2024

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Provitamin B5 Powder (dl-panthenol)	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	dl-panthenol	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	16485-10-2	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Solid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Not a hazardous substance or mixture.
GHS Labeling: Not a dangerous substance according to GHS.
GHS Hazard Pictograms: None.
GHS Hazard Statements: None.
GHS Precautionary Statements: Not a hazardous substance or mixture.
Potential Health Hazards: Eyes: May be an irritant
 Inhalation: May be an irritant.
 Skin: May be an irritant.
 Ingestion: May cause nausea, vomiting, or diarrhea.

NFPA Ratings (704):

Health	N/A	N/A
Flammability	N/A	N/A
Reactivity	N/A	N/A
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
dl-panthenol	16485-10-2	100%	Not Available

4 FIRST AID MEASURES

Eyes: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. WARM water MUST be used. Seek medical attention.

Inhalation: Supply fresh air. If required, provide artificial respiration. Keep patient warm and consult doctor. If symptoms persist, seek immediate medical attention.

Skin: Wash with soap and water. Cover the irritated skin with an emollient. Seek medical attention if irritation develops.

Ingestion: Seek immediate medical advice. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperature. Use appropriate media (CO₂, dry chemical, foam, halon, water spray (fog)) for adjacent fire. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

Special protective equipment & precautions for firefighters: Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.

Flash Points: Not applicable.

Specific hazards arising from the chemical: Burning can produce smoke, carbon monoxide, and CO₂.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Avoid contact with eyes, skin, and clothing. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Do not allow materials to release into the environment without proper government permits. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface. Do not try to clean up the leak without the proper protective equipment. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling and remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation. Use with adequate ventilation. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Keep container tightly closed. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Provitamin B5 Powder (dl-panthenol)	Not available	Not available	Not available

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes:	Wear safety glasses.
Inhalation:	Wear a particle mask or respirator, especially if handling in large quantities.
Body:	Wear impervious gloves and full protective clothing including boots.
Other:	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fumes, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Crystals	Vapor Pressure:	No data available
Odor:	No data available	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Off white to white	Flammability:	No data available
Molecular Weight:	414.54 g/mole	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	Not applicable
Boiling Point:	No data available	Specific Gravity:	1.2
Melting Point:	64.5 - 69.0	Solubility:	Soluble
Relative Density:	No data available	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Viscosity:	No data available	Explosive Properties:	No data available

10 STABILITY AND REACTIVITY

Reactivity:	Stable.
Chemical Stability:	No data available.
Hazardous Polymerization:	Not expected.
Conditions to Avoid:	Protect from moisture.
Incompatible Materials:	Strong oxidizers.
Hazardous Decomposition Products:	Burning can produce smoke, carbon monoxide, and CO ₂ .
Possible Hazardous Reactions:	No data available.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	(Intraperitoneal Mouse): 10100 mg/kg.
Skin:	May cause skin irritation.
Eyes:	May cause eye irritation.
Respiratory:	No data available.
Ingestion:	(Intraperitoneal Mouse): 10100 mg/kg.
Carcinogenicity:	No data available.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	No data available.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	No data available.
Respiratory/Skin Sensitization:	No data available.
Corrosivity:	No data available.
Sensitization:	No data available.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No ecotoxicity data available.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	No data available.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Users should review their operations in terms of the applicable federal/state or local regulations and consult with appropriate regulatory agencies if necessary, before disposing of waste product container.
Product Containers:	Users should review their operations in terms of the applicable federal/state or local regulations and consult with appropriate regulatory agencies if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated as hazardous for transport.
ADR/RID (Rail and Road Transportation):	Not regulated as hazardous for transport.
IMDG (International Maritime Dangerous Goods):	Not regulated as hazardous for transport.
IATA (International Air Transport Association):	Not regulated as hazardous for transport.
ICAO (International Civil Aviation Organization):	Not regulated as hazardous for transport.

15 REGULATORY INFORMATION

TSCA Inventory Status:	TSCA 8(b) inventory: Ascorbic palmitate
NDSL (Canada):	No data available.
DSL (Canada):	No data available.
EU (EINECS):	No data available.
China IECSC:	No data available.
Australia AICS:	No data available.
Japan ENCS:	No data available.
Philippines PICCS:	No data available.
New Zealand:	No data available.
California Prop. 65:	No ingredients listed are known to cause cancer, reproductive toxicity in females/males, or developmental toxicity.

16 OTHER INFORMATION

Revision Date:	02-Apr-2024
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.