

Palmitoyl Peptide Complex

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

Revision Date: 02-May-2025
Supersedes: 03-Jul-2018

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Palmitoyl Peptide Complex	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Water, Glycerin, Steareth-20, N-Hydroxysuccinimide, Chrysin, Palmitoyl Tripeptide-1, Palmitoyl Tetrapeptide-7		
CAS Number:	7732-18-5, 56-81-5, 9005-00-9, 6066-82-6, 480-40-0, 147732-56-7, 221227-05-0	Phone / Fax:	425-292-9502 / 425-292-9601
Formula:	No data available	Web:	www.makingcosmetics.com
Product Form:	Liquid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	Not classified.		
GHS Labeling:	Not a dangerous substance according to GHS.		
GHS Hazard Pictograms:	None.		
GHS Hazard Statements:	None.		
GHS Precautionary Statements:	None.		
Potential Health Hazards:	Eyes: May be an irritant. Inhalation: Not expected to be an irritant. Skin Prolonged contact may cause irritation. Ingestion: May cause nausea, vomiting, or diarrhea.		
NFPA Ratings (704):	Health	2	Moderate
	Flammability	1	Slight
	Reactivity	0	Minimal
	Specific Hazard	N/A	
HMIS II Ratings:	Health	2	Moderate
	Flammability	1	Slight
	Reactivity	0	Minimal

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Water	7732-18-5	Not available	Not available
Glycerin	56-81-5	Not available	Not available
Steareth-20	9005-00-9	Not available	Not available
N-Hydroxysuccinimide	6066-82-6	Not available	Not available
Chrysin	480-40-0	Not available	Not available
Palmitoyl Tripeptide-1	147732-56-7	Not available	Not available
Palmitoyl Tetrapeptide-7	221227-05-0	Not available	Not available
Chlorhexidine Digluconate	18472-51-0	Not available	Not available
Potassium Sorbate	24634-61-5	Not available	Not available
Citric Acid	5949-29-1	Not available	Not available
Sodium Citrate	6132-04-3	Not available	Not available
Biotin	58-85-5	Not available	Not available

4 FIRST AID MEASURES

Eyes:	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Inhalation:	If breathed in, move person into fresh air. If symptoms persist, call a physician.

Skin:	Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Ingestion:	Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, seek immediate medical attention.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media for surrounding environment (water spray, alcohol-resistant foam, dry chemical, or carbon dioxide) for adjacent fire. Do not use direct, high volume water jet.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Do not use a solid water stream as it may scatter and spread fire. Prevent fire extinguishing water from contaminating surface water or the ground water system. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Flash Points:	>212°F (100°C)
Specific hazards arising from the chemical:	Direct water jet may spread the fire. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Ensure adequate ventilation. 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:	Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Take normal measures for preventive fire protection. Avoid contact with skin, eyes and clothing. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Store in original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry and well-ventilated place. Long term storage recommended temperature is between 39-44°F (4-7°C). Stable under recommended storage conditions. 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>
Glycerin	10 mg/m3 (total)	TWA	OSHA P0
	5 mg/m3 (respirable fraction)	TWA	OSHA P0
	5 mg/m3 (mist, respirable Fraction)	TWA	OSHA Z-1
	15 mg/m3 (mist, total dust)	TWA	OSHA Z-1
	10 mg/m3 (mist, total dust)	TWA	OSHA P0
	5 mg/m3 (mist, respirable fraction)	TWA	OSHA P0
	10 mg/m3	TWA	ACGIH

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 with side shields.
Inhalation:	No personal respiratory protective equipment required under normal conditions of use.

Body: For prolonged or repeated contact use protective gloves and impervious clothing.
Other: 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:	Liquid	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:	Colorless to light yellow	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	5.0 - 7.0	Flash Point:	>212 °F (100 °C)
Boiling Point:	No data available	Specific Gravity:	No data available
Melting Point:	No data available	Water Solubility:	Soluble
Relative Density at:	1.030 - 1.050 (68 °F/20 °C)	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available
Dynamic Viscosity:	No data available	Explosive Properties:	No data available
Oxidizing Properties:	No data available	Metal Corrosion:	No data available

10 STABILITY AND REACTIVITY

Reactivity: No data available.
Chemical Stability: Stable under normal conditions.
Hazardous Polymerization: No data available.
Conditions to Avoid: None known.
Incompatible Materials: Strong oxidizing agents.
Hazardous Decomposition Products: In case of fire hazardous decomposition products such as carbon oxides may be produced.
Possible Hazardous Reactions: No dangerous reaction known under conditions of normal use.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity: No data available.
Skin: Method: Patch Test on humans; Result: Well tolerated; Test substance: 50%.
Eyes: Well tolerated; Method: HET-CAM (In vitro study); Test substance: 20%; Result: Negligible cytotoxicity; Method: Neutral red release method.
Inhalation: No data available.
Ingestion: No data available.
Carcinogenicity: No data available.
Teratogenicity: No data available.
Germ Cell Mutagenicity: (Ames Test) Genotoxicity in vitro: Not mutagenic; Test substance: 2.5%.
Embryotoxicity: No data available.
Specific Target Organ Toxicity: No data available.
Reproductive Toxicity: No data available.
Skin Sensitization: Method: Human repeat insult patch test (HRIPT); Result: Does not cause skin sensitization. Test substance: 50%.

12 ECOLOGICAL INFORMATION

Ecotoxicity: No 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:** Empty remaining contents. Do not re-use empty containers. Empty containers should be taken to an approved waste handling site for recycling or disposal. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.
- Product Containers:** Empty remaining contents. Do not re-use empty containers. Empty containers should be taken to an approved waste handling site for recycling or disposal. Users should review their operations in terms of the applicable federal/national 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

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| DOT (Dept. of Transportation, USA): | Not regulated. |
| TDG (Transportation of Dangerous Goods, Canada): | Not regulated. |
| IMDG (International Maritime Dangerous Goods): | Not regulated. |
| IATA (International Air Transport Association): | Not regulated. |
| ICAO (International Civil Aviation Organization): | No data available. |

15 REGULATORY INFORMATION

- TSCA Inventory Status:** This product either contains a chemical substance that is not listed on the public TSCA Inventory or the TSCA Inventory status of the product has not been evaluated. For FDA uses only.
- SARA 302:** This material does not contain any components with a section 302 extremely hazardous substances threshold planning quantity.
- SARA 311/312 Hazards:** No SARA Hazards.
- SARA 313:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
- PA Right to Know:** Water (7732-18-5), Glycerin (56-81-5), Ethoxylated Fatty Alcohol (9005-00-9).
- NJ Right to Know:** Water (7732-18-5), Glycerin (56-81-5), Ethoxylated Fatty Alcohol (9005-00-9), Chlorhexidine Digluconate (18472-51-0).
- REACH:** On the inventory, or in compliance with the inventory.
- California Prop. 65:** This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

16 OTHER INFORMATION

- Additional Abbreviations:** ACGIH: USA. ACGIH Threshold Limit Values (TLV)
OSHA P0: USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
OSHA Z-1: USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
ACGIH/TWA: 8-hour, time-weighted average
OSHA P0/TWA: 8-hour time weighted average
OSHA Z-1/TWA: 8-hour time weighted average
- Revision Date:** 02-May-2025
- 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.