

SkinFirm Dipeptide

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

Revision Date: 16-May-2024
Supersedes: 20-Jun-2017

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	SkinFirm Dipeptide	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Glycerin, Water, Palmitoyl Dipeptide-5 Diaminohydroxybutyrate, Palmitoyl Dipeptide-5 Diaminobutyroyl Hydroxythreonine	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	56-81-5, 7732-18-5, 794590-34-4, 883558-32-5	Web:	www.makingcosmetics.com
Formula:	No data available	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Liquid		
Product Use:	Cosmetic use		

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: Not expected to be an irritant. Ingestion: May cause nausea, vomiting, or diarrhea.												
NFPA Ratings (704):	<table border="0"> <tr> <td>Health</td> <td>0</td> <td>Minimal</td> </tr> <tr> <td>Flammability</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Reactivity</td> <td>1</td> <td>Slight</td> </tr> <tr> <td>Specific Hazard</td> <td>N/A</td> <td></td> </tr> </table>	Health	0	Minimal	Flammability	1	Slight	Reactivity	1	Slight	Specific Hazard	N/A	
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3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Glycerin	56-81-5	> 50%	Not available
Water	7732-18-5	25 - 50%	Not available
Palmitoyl Dipeptide-5 Diaminohydroxybutyrate	794590-34-4	0.1-1%	Not available
Palmitoyl Dipeptide-5 Diaminobutyroyl Hydroxythreonine	883558-32-5	0.1-1%	Not available

4 FIRST AID MEASURES

Eyes:	Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. Seek medical attention if needed.
Inhalation:	Move to fresh air. If symptoms persist, seek medical attention.
Skin:	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Seek medical attention if needed.
Ingestion:	Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if necessary.
General Notes:	No specific symptoms known. Treat symptomatically.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media for local circumstances & environment (alcohol-resistant foam dry chemical) for adjacent fire. No unsuitable extinguish media listed.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Flash Points:	403°F (206°C)
Specific hazards arising from the chemical:	None known. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	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:	Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Take necessary action to avoid static electricity discharge. Product will burn under fire conditions. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	To maintain product quality, do not store in heat or direct sun-light. Keep container tightly closed and dry. 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>
Glycerol	10 mg/m ³ (mist, total dust)	TWA	OSHA PO
	5 mg/m ³ (mist, respirable fraction)	TWA	OSHA PO

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:	Wear gloves made of nitrile rubber and full protective 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:	Viscous, liquid	Vapor Pressure:	No data available
Odor:	Slight	Vapor Density:	Not applicable
Odor Threshold:	No data available	Refractive Index at 25°C:	1.40 - 1.46
Color:	Colorless to pale yellow	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	ca. 403°F (206°C) (calculated value)

Boiling Point:	ca. 110-115°C (calculated value)	Specific Gravity:	No data available
Melting Point:	No data available	Water Solubility:	Completely miscible
Relative Density at 20°C:	1.15-1.22	Other Solubility:	Insoluble in oils and fats
Partition Coefficient: n-octanol/water:	Not applicable	Ignition Temperature:	813°F (434°C)
Dynamic Viscosity:	No data available	Decomposition:	Decomposes on heating
Exothermic Hazard:	Potential exothermic hazard	Explosive Properties:	Not explosive

10 STABILITY AND REACTIVITY

Reactivity:	No hazards to be specially mentioned.
Chemical Stability:	Stable under recommended storage conditions.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Heat.
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	No decomposition if used as directed.
Possible Hazardous Reactions:	Upon contact with strong acids, strong bases, and strong oxidizing agents.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	(Human) Patch Test: No skin irritation, 48 hours.
Eyes:	May irritate eyes.
Inhalation:	No data available.
Ingestion:	No data available.
Carcinogenicity:	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. No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	Ames Test: Not mutagenic (OECD Test Guideline 471).
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	The substance or mixture is not classified as specific target organ toxicant, single exposure.
Reproductive Toxicity:	No data available.
Sensitization:	Did not cause sensitization (human, HRIPT: Human Repeat Insult Patch Test).
Aspiration Toxicity:	No aspiration toxicity classification.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Harmful to aquatic organisms.
Aquatic Vertebrate:	(Gobiocypris rarus) LC50; 96 hours > 50 mg/l; Test substance: Active ingredient (nominal concentration). The substance tested had no adverse effects below its water solubility limit (OECD Test Guideline 203).
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	Not readily biodegradable (test substance: active ingredient). Biodegradable Information refers to the main component.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	This substance/mixture contains no components considered to be either persistent, Bioaccumulative and toxic (PBT), or very persistent and very Bioaccumulative (vPvB) at levels of 0.1% or higher.
Other Adverse Effects:	Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone -CAA Section 602 Class I Substances. Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as

defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

13 DISPOSAL CONSIDERATIONS

- Waste Residues:** Discharge into the environment must be avoided. Do not contaminate ponds, waterways, or ditches with chemical or used container. Do not dispose of waste into sewer. Offer surplus and non-recyclable solutions to a licensed disposal company. User must determine if any wastes generated exhibit hazardous characteristics as per 40 CFR Part 261 or other national/local legislation. 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:** Dispose of as unused product. 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 as a dangerous good. |
| TDG (Transportation of Dangerous Goods, Canada): | No data available. |
| IMDG (International Maritime Dangerous Goods): | Not regulated as a dangerous good. |
| IATA (International Air Transport Association): | Not regulated as a dangerous good. |
| ICAO (International Civil Aviation Organization): | No data available. |
| 49 CFR: | Not regulated as a dangerous good. |

15 REGULATORY INFORMATION

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| TSCA Inventory Status: | No data available. |
| TSCA SNURS: | No substances are subject to a Significant New Use Rule. |
| TSCA 12(b) Export Notification: | No substances are subject to TSCA 12(b) export notification requirements. |
| 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. |
| SARA 304: | This material does not contain any components with a section 304 extremely hazardous substances reportable quantity. |
| SARA 311/312 Hazards: | No SARA Hazards. |
| SARA 302: | This material does not contain any components with a section 302 EHS TPQ. |
| CERCLA: | This material does not contain any components with a CERCLA reportable quantity. |
| Clean Air Act: | This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).
The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489): glycerol (56-81-5) 69.2%. |
| Clean Water Act: | This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.
This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.
This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307. |
| MA Right to Know: | Glycerol (56-81-5) |
| PA Right to Know: | Glycerol (56-81-5), Water (7732-18-5) |

16 OTHER INFORMATION

Revision Date: 16-May-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.