

## Tripeptide-5

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

Revision Date: 20-May-2024  
Supersedes: 16-Aug-2018

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Tripeptide-5	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Glycerin, Water, Palmitoyl Tripeptide-5	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	56-81-5, 7732-18-5, 623172-56-5	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Formula:</b>	C <sub>33</sub> H <sub>65</sub> N <sub>5</sub> O <sub>5</sub>	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)
<b>Product Form:</b>	Liquid		
<b>Product Use:</b>	Cosmetic use		

### 2 HAZARDS IDENTIFICATION

<b>GHS Classification:</b>	Not classified.												
<b>GHS Labeling:</b>	Not a dangerous substance according to GHS.												
<b>GHS Hazard Pictograms:</b>	None.												
<b>GHS Hazard Statements:</b>	None.												
<b>GHS Precautionary Statements:</b>	None.												
<b>Potential Health Hazards:</b>	Eyes: May be an irritant. Inhalation: Not expected to be irritant. Skin: Not expected to be irritant. Ingestion: Not expected to be irritant.												
<b>NFPA Ratings (704):</b>	<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>0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td>N/A</td> <td></td> </tr> </table>	Health	0	Minimal	Flammability	1	Slight	Reactivity	0	Minimal	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 Tripeptide-5	623172-56-5	0.1-1%	Not available

### 4 FIRST AID MEASURES

<b>Eyes:</b>	Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.
<b>Inhalation:</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Skin:</b>	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
<b>Ingestion:</b>	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 immediate medical attention.

### 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.
<b>Special protective equipment &amp; precautions for firefighters:</b>	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

**Flash Points:** ca. > 403 °F/206 °C (calculated)  
**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 all waste and cleanup materials in accordance with regulations.

## 7 HANDLING & STORAGE

**Precautions for safe handling:** Take necessary action to avoid static electricity discharge. Product will burn under fire conditions. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.  
**Conditions for safe storage, incl. any incompatibilities:** To maintain product quality, do not store in heat or direct sunlight. Keep container tightly closed and dry. Keep away from heat and 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/m <sup>3</sup> 5 mg/m <sup>3</sup>	OSHA P0 OSHA P0	TWA (mist, total dust) TWA (mist, respirable fraction)

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:** Safety glasses should be worn.  
**Inhalation:** No personal respiratory protective equipment normally required.  
**Body:** Wear gloves made of nitrile rubber and lightweight 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

<b>Appearance:</b>	Viscous liquid	<b>Vapor Pressure:</b>	Not determined
<b>Odor:</b>	Slight	<b>Vapor Density:</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	Not determined
<b>Color:</b>	Colorless to pale yellow; clear to opaque	<b>Flammability:</b>	No data available
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	Not determined
<b>pH:</b>	No data available	<b>Flash Point:</b>	ca. > 403 °F/206 °C (calculated)
<b>Boiling Point:</b>	Ca. 110-115 °C (calculated)	<b>Specific Gravity:</b>	No data available
<b>Melting Point:</b>	Not determined	<b>Solubility:</b>	Water soluble Insoluble in oils/fats
<b>Relative Density at 20 °C:</b>	1.15 - 1.22	<b>Ignition Temperature:</b>	813 °F/434 °C
<b>Partition Coefficient: n-octanol/water:</b>	Not applicable	<b>Decomposition Temperature:</b>	Decomposes on heating. Potential for exothermic hazard
<b>Dynamic Viscosity:</b>	Not determined	<b>Explosive Properties:</b>	Not explosive
<b>Oxidizing Properties:</b>	No data available	<b>Refractive Index at 25 °C:</b>	1.410 - 1.440

## 10 STABILITY AND REACTIVITY

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

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	No data available.
<b>Skin:</b>	Human Patch Test: No skin irritation.
<b>Eyes:</b>	May irritate eyes.
<b>Inhalation:</b>	No aspiration toxicity classification.
<b>Ingestion:</b>	>5000 mg/kg (estimate).
<b>Carcinogenicity:</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen by IARC, OSHA, or NTP.
<b>Teratogenicity:</b>	No data available.
<b>Germ Cell Mutagenicity:</b>	Not mutagenic. Not genotoxic.
<b>Embryotoxicity:</b>	No data available.
<b>Specific Target Organ Toxicity:</b>	This substance or mixture is not classified as specific target organ toxicant, single exposure.
<b>Reproductive Toxicity:</b>	No indication for adverse effects on fertility known.
<b>Sensitization:</b>	Human Repeat Insult Patch Test (HRIPT): Did not cause sensitization.
<b>Further Information:</b>	Irritating to mucous membranes.

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No data available.
<b>Aquatic Vertebrate:</b>	(Gobio cypris rarus) LC50: >100 mg/L; 96 hours (OECD Test Guideline 203).
<b>Aquatic Invertebrate:</b>	No data available.
<b>Terrestrial:</b>	No data available.
<b>Persistence and Degradability:</b>	Not readily biodegradable. 67.81%; 28 days; (OECD Test Guideline 301F)
<b>Bioaccumulative Potential:</b>	No data available.
<b>Mobility in Soil:</b>	No data available.
<b>PBT and vPvB Assessment:</b>	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.
<b>Other Adverse Effects:</b>	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

<b>Waste Residues:</b>	User must determine if any wastes generated exhibit hazardous characteristics as per 40 CFR Part 261 or other national/local legislation. Offer surplus and non-recyclable solutions to a licensed disposal company. 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.
<b>Product Containers:</b>	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

<b>DOT (Dept. of Transportation, USA):</b>	No data available.
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	Not regulated as a dangerous good.
<b>IMDG (International Maritime Dangerous Goods):</b>	Not regulated as a dangerous good.
<b>IATA (International Air Transport Association):</b>	Not regulated as a dangerous good.
<b>ICAO (International Civil Aviation Organization):</b>	No data available.
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</b>	Not applicable for product as supplied.
<b>49 CFR:</b>	Not regulated as a dangerous good. Not classified as dangerous in the meaning of transport regulations.

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	No substances are subject to a Significant New Use Rule. No substances are subject to TSCA 12(b) export notification requirements.
<b>SARA 311/312 Hazards:</b>	No SARA Hazards.
<b>SARA 304:</b>	This material does not contain any components with a section 304 extremely hazardous substances reportable quantity.
<b>SARA 302:</b>	This material does not contain any components with a section 302 EHS TPQ.
<b>CERCLA Reportable Quantity:</b>	This material does not contain any components with a CERCLA RQ.
<b>SARA 313:</b>	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.
<b>Clean Air Act:</b>	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/ Intermediate or Final VOC's (40 CFR 60.489): glycerol (56-81-5)
<b>Clean Water Act:</b>	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.
<b>MA Right to Know:</b>	Glycerol (56-81-5)
<b>PA Right to Know:</b>	Glycerol (56-81-5), Water (7732-18-5)
<b>Canada (DSL):</b>	No data available.
<b>EU (EINECS):</b>	No data available.
<b>China (IECSC):</b>	No data available.
<b>Australia (AICS):</b>	No data available.
<b>Japan (ENCS):</b>	No data available.
<b>Philippines (PICCS):</b>	No data available.

## 16 OTHER INFORMATION

<b>Revision Date:</b>	20-May-2024
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	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.