

## Tripeptide-5

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

Revision Date: 30-Jun-2023  
Supersedes: 08/16/2018

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Tripeptide-5	<b>Distributor:</b>	MakingCosmetics.com Inc.
<b>Synonyms:</b>	Not available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Palmitoyl tripeptide-5, glycerin, water	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	623172-56-5, 56-81-5, 7732-18-5	<b>Web:</b>	www.makingcosmetics.com
<b>Formula:</b>	C <sub>33</sub> H <sub>65</sub> N <sub>5</sub> O <sub>5</sub>	<b>Emergency Telephone Number: 1-800-424-9300 (Chemtrec)</b>	
<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 classified												
<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 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 style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">0</td> <td>Minimal</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">1</td> <td>Slight</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="text-align: center;">0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td colspan="2">N/A</td> </tr> </table>	Health	0	Minimal	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	N/A	
Health	0	Minimal											
Flammability	1	Slight											
Reactivity	0	Minimal											
Specific Hazard	N/A												

### 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
Palmitoyl tripeptide-5	623172-56-5	0.1-1%	Not available
Water	7732-18-5	25-50%	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 medical attention if symptoms occur.

### 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.
<b>Flash Points:</b>	No data available
<b>Specific hazards arising from the chemical:</b>	None known. See also Stability and Reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment &amp; emergency procedures:</b>	Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
<b>Environmental precautions:</b>	Do not flush into surface water or sanitary sewer system. Try to prevent the material from entering drains or water courses. Notify environmental authorities in case of large leaks.
<b>Methods and material for containment and cleaning up:</b>	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

<b>Precautions for safe handling:</b>	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.
<b>Conditions for safe storage, incl. any incompatibilities:</b>	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:

<b>Eyes:</b>	Safety glasses should be worn.
<b>Inhalation:</b>	No personal respiratory protective equipment normally required.
<b>Body:</b>	Lightweight protective clothing should be worn. Protective gloves should be worn. Glove material: for example, nitrile rubber
<b>Other:</b>	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>	Not applicable
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	Not determined
<b>Color:</b>	Colorless - pale yellow; clear - 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 @ 25 °C:</b>	No data available
<b>Melting Point:</b>	Not determined	<b>Solubility:</b>	Water: soluble Oils/Fats: insoluble
<b>Relative Density:</b>	1.15-1.22 (@ 20 °C)	<b>Auto-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>Viscosity:</b>	Not determined	<b>Explosive Properties:</b>	Not explosive
<b>Oxidizing Properties:</b>	No data available	<b>Freezing Point:</b>	No data available

Refractive Index: 1.410-1.440 (@ 25 °C)

## 10 STABILITY AND REACTIVITY

**Reactivity:** No hazards to be specially mentioned.  
**Chemical Stability:** Stable under recommended storage conditions.  
**Hazardous Polymerization:** Possible incompatibility with materials listed in Section 10.  
**Conditions to Avoid:** Heat  
**Incompatible Materials:** Strong acids and strong bases. Strong oxidizing agents.  
**Hazardous Decomposition Products:** No decomposition if used as directed.

## 11 TOXICOLOGICAL INFORMATION

**Acute Toxicity:** No data available  
**Skin:** No skin irritation  
**Eyes:** May irritate eyes  
**Respiratory:** No aspiration toxicity classification.  
**Ingestion:** >5000 mg/kg (estimate)  
**Carcinogenicity:** 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.  
**OTeratogenicity:** No data available  
**Germ Cell Mutagenicity:** Not mutagenic. Not genotoxic.  
**Embryotoxicity:** No data available  
**Specific Target Organ Toxicity:** This substance or mixture is not classified as specific target organ toxicant, single exposure.  
**Reproductive Toxicity:** No indication for adverse effects on fertility known.  
**Respiratory/Skin Sensitization:** No data available  
**Corrosivity:** No data available  
**Sensitization:** Did not cause sensitization  
**Irritation:** No data available  
**Repeated Dose Toxicity:** No data available  
**Further Information:** Irritating to mucous membranes

## 12 ECOLOGICAL INFORMATION

**Ecotoxicity**  
**Aquatic Vertebrate:** LC50: >100 mg/L (96h) (*Gobiocypris rarus*) (OECD Test Guideline 203)  
**Aquatic Invertebrate:** No data available  
**Terrestrial:** No data available  
**Persistence and Degradability:** Not readily biodegradable.  
 67.81% (28d) (OECD Test Guideline 301F)  
**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:** No data available  
 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances  
**Regulation Remarks:** This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the US Clean Air Act Section 602 (40 CFR 82, Subpt. A, App. A+B)

## 13 DISPOSAL CONSIDERATIONS

**Waste Residues:** 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. Offer surplus and non-recyclable solutions to a licensed disposal company.  
**Product Containers:** 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.

Empty containers should be taken to an approved waste handling site for recycling or disposal.

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>DSCL (EEC):</b>	No data available
<b>WHMIS (Canada):</b>	No data available
<b>EU EINECS/ELINCS/NLP:</b>	No data available
<b>China IECSC:</b>	No data available
<b>China IECIC (06.30.2014):</b>	No data available
<b>Australia AICS:</b>	No data available
<b>EPCRA - Emergency Planning and Community Right to Know Act:</b>	No data available
<b>CERCLA RQ:</b>	This material does not contain any components with a CERCLA Reportable Quantity.
<b>SARA 304 EHS RQ:</b>	This material does not contain any components with section 304 Extremely Hazardous Substances Reportable Quantity.
<b>SARA 311/312 Hazards:</b>	No SARA Hazards
<b>SARA 302:</b>	This material does not contain any components with a section 302 EHS TPQ.
<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 US 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 US Clean Air Act Section 112 (40 CFR 61). This product does not contain any chemicals listed under the US Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F). The following chemical(s) are listed under the US Clean Air Act Section 111 SOCM Intermediate or Final VOCs (40 CFR 60.489): Glycerin (CAS 56-81-5)
<b>Clean Water Act:</b>	This product does not contain any Hazardous Substances listed under the US Clean Water Act, Section 311, Table 116.4A. This product does not contain any Hazardous Chemicals listed under the US Clean Water Act, Section 311, Table 117.3. This product does not contain any toxic pollutants listed under the US Clean Water Act Section 307.
<b>Massachusetts RTK:</b>	Glycerin (CAS 56-81-5)
<b>Pennsylvania RTK:</b>	Glycerin (CAS 56-81-5) Water (CAS 7732-18-5)

## 16 OTHER INFORMATION

<b>Revision Date:</b>	30-Jun-2023
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

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**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.