

## Palmitoyl Tripeptide-38

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

Revision Date: 01-Jul-2025  
Supersedes: 24-Sep-2021

### 1 PRODUCT & COMPANY IDENTIFICATION

|                      |  |                                    |  |
|----------------------|--|------------------------------------|--|
| <b>Product Name:</b> | Palmitoyl Tripeptide-38  | <b>Distributor:</b>                | MakingCosmetics Inc.   |
| <b>Synonyms:</b>     | No data available  | <b>Address:</b>                    | 10800 231 <sup>st</sup> Way NE<br>Redmond, WA 98053 (USA)            |
| <b>INCI Name:</b>    | Glycerin (and) Water (and) Hydroxypropyl<br>Cyclodextrin (and) Palmitoyl Tripeptide-38 | <b>Phone / Fax:</b>                | 425-292-9502 / 425-292-9601  |
| <b>CAS Number:</b>   | 56-81-5, 7732-18-5, 128446-35-5,<br>1101175-36-3                                       | <b>Web:</b>                        | <a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a> |
| <b>Formula:</b>      | No data available  | <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>Classification:</b>           | Not a hazardous substance or mixture.  |     |         |
| <b>Labeling:</b>                 | Not a hazardous substance or mixture.  |     |         |
| <b>Hazard Pictograms:</b>        | None.  |     |         |
| <b>Hazard Statements:</b>        | None.  |     |         |
| <b>Precautionary Statements:</b> | None.  |     |         |
| <b>Potential Health Hazards:</b> | Eyes: May be an irritant.<br>Inhalation: May be an irritant.<br>Skin: May be an irritant.<br>Ingestion: May cause nausea, vomiting and diarrhea. |     |         |
| <b>NFPA Ratings (704):</b>       | Health   | 1   | Slight  |
|                                  | Flammability   | 1   | Slight  |
|                                  | Reactivity   | 0   | Minimal |
|                                  | Specific Hazard  | N/A |         |
| <b>HMIS II Ratings:</b>          | Health   | 1   | Slight  |
|                                  | 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> |
|----------------------------|----------------|-----------------|-------------------------|
| Glycerin                   | 56-81-5        | QSP 100%        | Not Available           |
| Water                      | 7732-18-5      | ≈20%            | Not Available           |
| Hydroxypropyl Cyclodextrin | 128446-35-5    | ≈1%             | Not Available           |
| Palmitoyl Tripeptide-38    | 1101175-36-3   | ≈0.025%         | Not Available           |

### 4 FIRST AID MEASURES

|                    |  |
|--------------------|--|
| <b>Eyes:</b>       | In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  |
| <b>Inhalation:</b> | If breathed in, move person into fresh air. If symptoms persist, call a physician.   |
| <b>Skin:</b>       | In case of contact, immediately flush skin with soap and plenty of water. If symptoms persist, call a physician.   |
| <b>Ingestion:</b>  | Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. |

### 5 FIRE-FIGHTING MEASURES

|   |   |
|---|---|
| <b>Suitable (and unsuitable) extinguishing media:</b> | May be combustible at high temperatures. Use appropriate media (water spray, alcohol-resistant foam, dry chemical, carbon dioxide) for surrounding environment for adjacent fire. |
|---|---|

**Special protective equipment & precautions for firefighters:**  
**Flash Points:**  
**Specific hazards arising from the chemical:**

Do not use a high-volume jet or a solid water stream as it may scatter and spread fire.  
 Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.  
 >212°F (100°C)  
 Not determined. See also Stability and reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:**  
**Environmental precautions:**

Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.

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:**  
**Conditions for safe storage, incl. any incompatibilities:**

Take normal measures for preventive fire protection. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.  
 Store in original container. Keep container tightly closed in a dry and well-ventilated place. Recommended storage temperature 59-77°F (15-25°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> |
|--------------------------|------------------------|----------------------------------|---------------|
| Glycerine (CAS: 56-81-5) | 10 mg/m3               | TWA (Total)                      | OSHA P0       |
|                          | 5 mg/m3                | TWA (Respirable fraction)        | OSHA P0       |
|                          | 5 mg/m3                | TWA (Mist, respirable fraction)  | OSHA Z-1      |
|                          | 15 mg/m3               | TWA (Mist, total dust)           | OSHA Z-1      |
|                          | 10 mg/m3               | TWA (Mist - total dust)          | OSHA P0       |
|                          | 5 mg/m3                | TWA (Mist - respirable fraction) | 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 protection shield.  
**Inhalation:** No personal respiratory protective equipment normally required.  
**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

|                                |                           |                                     |                   |
|--------------------------------|---------------------------|-------------------------------------|-------------------|
| <b>Appearance:</b>             | Liquid                    | <b>Vapor Pressure:</b>              | No data available |
| <b>Odor:</b>                   | No data available         | <b>Vapor Density:</b>               | No data available |
| <b>Odor Threshold:</b>         | No data available         | <b>Evaporation Rate:</b>            | No data available |
| <b>Color:</b>                  | Colorless to light yellow | <b>Flammability:</b>                | No data available |
| <b>Molecular Weight:</b>       | No data available         | <b>Upper/lower Explosive Limit:</b> | No data available |
| <b>pH:</b>                     | No data available         | <b>Flash Point:</b>                 | >212°F (100°C)    |
| <b>Boiling Point:</b>          | No data available         | <b>Specific Gravity:</b>            | No data available |
| <b>Melting/Freezing Point:</b> | No data available         | <b>Water Solubility:</b>            | Soluble           |
| <b>Relative Density:</b>       | 1.205 - 1.225 (68°F/20°C) | <b>Auto-Ignition Temperature:</b>   | No data available |

|  |                   |                                   |                   |
|--|-------------------|-----------------------------------|-------------------|
| <b>Partition Coefficient: n-octanol/water:</b> | No data available | <b>Decomposition Temperature:</b> | No data available |
| <b>Viscosity:</b>                              | No data available | <b>Explosive Properties:</b>      | No data available |
| <b>Oxidizing Properties:</b>                   | No data available | <b>Metal Corrosion:</b>           | No data available |

## 10 STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>Reactivity:</b>                       | No data available.   |
| <b>Chemical Stability:</b>               | No data available.   |
| <b>Hazardous Polymerization:</b>         | Hazardous polymerization does not occur.                                       |
| <b>Conditions to Avoid:</b>              | No data available.   |
| <b>Incompatible Materials:</b>           | Strong oxidizing agents.   |
| <b>Hazardous Decomposition Products:</b> | In case of fire hazardous decomposition such as carbon oxides may be produced. |
| <b>Possible Hazardous Reactions:</b>     | Stable under recommended storage conditions.                                   |

## 11 TOXICOLOGICAL INFORMATION

|  |   |
|--|---|
| <b>Acute Toxicity:</b>                 | No data available.  |
| <b>Skin:</b>                           | No data available.  |
| <b>Eyes:</b>                           | Palmitoyl Tripeptide-38; Method: HET-CAM (In vitro study) and Neutral red release method (NRR); Result: Practically nonirritating and Negligible cytotoxicity; Test Substance: 10%. |
| <b>Inhalation:</b>                     | No data available.  |
| <b>Ingestion:</b>                      | No data available.  |
| <b>Carcinogenicity:</b>                | No data available.  |
| <b>Teratogenicity:</b>                 | No data available.  |
| <b>Germ Cell Mutagenicity:</b>         | Palmitoyl Tripeptide-38 Genotoxicity in vitro; Method: Ames test; Result: Not mutagenic in Ames Test; Remarks: Information refers to the main ingredient.                           |
| <b>Embryotoxicity:</b>                 | No data available.  |
| <b>Specific Target Organ Toxicity:</b> | No data available.  |
| <b>Reproductive Toxicity:</b>          | No data available.  |
| <b>Skin Sensitization:</b>             | Palmitoyl Tripeptide-38; Method: Human repeat insult patch test (HRIPT); Result: No allergic reaction; Test Substance: 40%.   |
| <b>Skin Corrosion/Irritation:</b>      | Palmitoyl Tripeptide-38; Method: Patch Test on humans; Result: Very well tolerated; Test Substance: 40%.  |

## 12 ECOLOGICAL INFORMATION

|                                       |                    |
|---------------------------------------|--------------------|
| <b>Ecotoxicity:</b>                   | No data available. |
| <b>Aquatic Vertebrate:</b>            | No data available. |
| <b>Aquatic Invertebrate:</b>          | No data available. |
| <b>Terrestrial:</b>                   | No data available. |
| <b>Persistence and Degradability:</b> | No data available. |
| <b>Bioaccumulative Potential:</b>     | No data available. |
| <b>Mobility in Soil:</b>              | No data available. |
| <b>PBT and vPvB Assessment:</b>       | No data available. |
| <b>Other Adverse Effects:</b>         | No data available. |

## 13 DISPOSAL CONSIDERATIONS

|                            |   |
|----------------------------|---|
| <b>Waste Residues:</b>     | 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.  |
| <b>Product Containers:</b> | Empty remaining contents. 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

|   |                    |
|---|--------------------|
| 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:      | Glycerine (CAS: 56-81-5).  |
| NJ Right to Know:      | Glycerine (CAS: 56-81-5).  |
| 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.  |
| REACH:                 | On the inventory, or in compliance with the inventory.   |
| Canada (DSL):          | No data available.   |
| EU (EINECS):           | No data available.   |
| China (IECSC):         | No data available.   |
| Australia (AICS):      | No data available.   |
| Japan (ENCS):          | No data available.   |
| New Zealand (NZIoC):   | No data available.   |

## 16 OTHER INFORMATION

|                |  |
|----------------|--|
| Revision Date: | 01-Jul-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. |