



# Safety Data Sheet Tetrapeptide-21

Complies with 29 CFR 1910.1200

## Section 1: Company and Product Identification

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**Product Name:** Tetrapeptide-21

**INCI Name:** Tetrapeptide-21; Glycerin; Butylene Glycol; Aqua

**Material Uses:** Active ingredient in cosmetic and personal care applications.

**Restrictions on Use:** Repackaged for cosmetic use only

**Company:** Lotioncrafter LLC  
48 Hope Ln  
Eastsound, WA 98245  
PH: 1-360-376-8008

**Emergency Response:** In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC Emergency Call Center based in the USA.

USA, Canada, Puerto Rico, Virgin Islands                      CALL +1 800-424-9300  
In case of difficulties or for ships at sea                      CALL +1 703-527-3887  
In Europe, Middle East, Africa, Asia Pacific, South America      CALL +1 703-527-3887

## Section 2: Hazards Identification

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**Hazard Pictograms:**

**Signal Word:** Not Applicable

**Hazard Classification:** This substance does not meet the criteria for a dangerous or hazardous

**Hazard Category:** Non-classified

**Hazard Statements:** Not Applicable

**Precautionary Statements:** Not Applicable

**Other Hazards:** None

## Section 3: Composition / Information on Ingredients

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Name	Hazard Category	CAS#	Weight %
Glycerol	Not classified	56-81-5	45 - 55%
Butane-1,3-diol	Not classified	107-88-0	25 - 35%

**Additional Information:** For full text of H-statements and R-phrases: see SECTION 16



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### Section 4: First Aid Measures

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**General Info:** Remove soiled or soaked clothing immediately.

**Notable Exposure symptoms:** No special hints or hazard data available.

**If ingested:** Thoroughly clean the mouth with water. Seek medical attention if symptoms occur.

**If inhaled:** Ensure supply of fresh air. In the event of symptoms, seek medical advice.

**Eye contact:** In case of contact with eyes, rinse thoroughly with plenty of water. If symptoms persist, seek medical advice.

**Skin contact:** In case of contact with skin, wash off with soap and water. Consult a physician if symptoms occur.

### Section 5: Fire Fighting Measures

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**General Info:** Flash Point: > 249.8 °F; > 160 °C Solvent.

**Extinguishing Method /**

**Equipment:** Carbon dioxide (CO<sub>2</sub>), dry chemical, foam, halon, water spray (fog). Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

**Hazardous Decomposition Info:** Carbon dioxide, carbon monoxide - Acrolein Under certain conditions of combustion traces of other toxic substances cannot be excluded.

### Section 6: Accidental Release Measures

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**Personal precautions, protective equipment and procedures:** Wear personal protective equipment.

**Environmental Precautions:** Do not allow to enter drains or waterways. Do not discharge into soil/subsoil.

**Containment Equipment and**

**Cleanup Procedures:** Take up with absorbent material (e.g. sand, kieselguhr, universal binder). Dispose of absorbed material in accordance with local regulations.

### Section 7: Handling and Storage

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**Safe Handling Precautions:** Keep working place well ventilated; no special precautions are needed under normal use conditions.

**Recommendations for Storage:** Keep only in unopened original container. Recommended storage temperature: < 24 °C.

**Specific End Use(s):** Active ingredient in cosmetic and personal care applications.



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### Section 8: Exposure Control / Personal Protection

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**Control Parameters:** None of the components have assigned exposure limits.

**General / Engineering**

**Controls:** No data available.

**Eye/face protection:** Safety glasses with side-shields for splash protection.

**Hand Protection:** Protective gloves (nitrile).

**Body Protection:** Protective clothing.

**Respiratory Protection:** In case of formation of vapors/aerosols: Short term: filter apparatus, combination filter A-P2.

**Thermal Hazards:** None required under normal conditions of use.

**Other:** Observe good chemical hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use.

**Environmental Exposure**

**Controls:** Non-hazardous but avoid direct releases to the environment.

### Section 9: Physical and Chemical Properties

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**Physical State:** Liquid

**Appearance:** Clear

**Color:** Colorless

**Odor:** Odorless

**Odor Threshold:** Not measured

**pH:** 5 (20 °C)

**Melting Point:** Not determined

**Freezing Point:** 18 °C Solvent

**Boiling Point:** > 100 °C

**Flash Point (COC):** > 249.8 °F (> 160 °C) Solvent

**Auto-ignition Temperature:** Not measured

**Decomposition Temperature:** Not measured

**Evaporation Rate:** Not measured

**Vapor Pressure:** Not measured

**Explosive Limits:** Not applicable

**Vapor Density:** Not measured

**Specific Gravity:** No data available

**Water Solubility:** 1 g/ml Solvent

**Dynamic Viscosity:** 1,412 mPa.s (20 °C) Solvent

**Explosion Properties:** Not measured

**Oxidizing Properties:** Not measured

**Partition coefficient:** Not measured

**Other information:** None available



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### Section 10: Stability and Reactivity

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**Reactivity:** Reactions with oxidizing agents.

**Chemical Stability:** The product is stable under normal conditions.

**Possibility of Hazardous**

**Reactions:** Reactions with oxidizing agents.

**Conditions to Avoid:** To avoid thermal decomposition, do not overheat.

**Incompatible Materials:** Unknown.

**Hazardous Decomposition**

**Products:** None with proper storage and handling.

### Section 11: Toxicological Information

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**Information on likely routes of exposure.**

**Inhalation:** If handled correctly, not a relevant route of exposure. Information on effects are given below.

**Skin Contact:** Relevant route of exposure. Information on effects are given below.

**Eye Contact:** Relevant route of exposure. Information on effects are given below.

**Ingestion:** If handled correctly, not a relevant route of exposure. Information on effects are given below.

**Symptoms related to the physical, chemical and toxicological characteristics.**

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye Contact:** No data available.

**Ingestion:** No data available.

**Information on toxicological effects.**

**Oral (Product):** No data available.

**Dermal (Product):** No data available.

**Inhalation (Product):** No data available.

**Repeated Dose Toxicity**

**(Product):** No data available.

**Skin Corrosion/Irritation**

**(Product):** Non-irritant. OECD 439 non-irritant.

**Serious Eye Damage/Eye**

**Irritation (Product):** Non-irritant. Non-irritant.



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### Respiratory or Skin

**Sensitization (Product):** Local Lymph Node Assay (LLNA), OECD 429 (Mouse): non-sensitizing.

**Carcinogenicity (Product):** No data available.

### IARC Monographs on the Evaluation of Carcinogenic

**Risks to Humans:** No carcinogens present or none present in regulated quantities.

### US. National Toxicology Program (NTP) Report on

**Carcinogens:** No carcinogens present or none present in regulated quantities.

### Germ Cell Mutagenicity

**In Vitro (Product):** Bacterial reverse mutation assay (OECD 471): no evidence or mutagenic effects  
Own study.

**In Vivo (Product):** No data available.

### Reproductive Toxicity

**(Product):** No data available.

**STOT-SE (Product):** No data available.

**STOT-RE (Product):** No data available.

**Aspiration Hazard (Product):** Not classified.

**STOT-SE (Product):** No data available.

## Section 12: Ecological Information

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### Ecotoxicity:

**Acute hazards to the aquatic environment.**

**Fish (Product):** No data available.

### Aquatic Invertebrates

**(Product):** No data available.

**Chronic hazards to the aquatic environment.**

**Fish (Product):** No data available.

### Aquatic Invertebrates

**(Product):** No data available.

### Toxicity to Aquatic Plants

**(Product):** No data available.



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### Persistence and degradability.

**Biodegradation (Product):** No data available.

**BOD/COD Ratio (Product):** No data available.

**Bioaccumulative Potential:** No data available.

**Partition Coefficient:** Not measured.

**Mobility in Soil:** No data available.

**Components:** Glycerol - No data available.

Butane-1,3-diol - No data available.

**Other Adverse Effects:** Do not allow to enter soil, waterways or waste water canal.

### Section 13: Disposal Information

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**Product disposal:** Dispose of product in accordance with local, regional, and national regulations.

**Container disposal:** Dispose of container in accordance with licensed collector's sorting instructions.

**Other considerations:** No further information.

### Section 14: Transport Information

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	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
<b>UN Number:</b>	Not regulated	Not regulated	Not regulated	Not regulated
<b>UN Proper Shipping Name:</b>	Not regulated	Not regulated	Not regulated	Not regulated
<b>Transport Hazard Class(es):</b>	Not applicable	Not applicable	Not applicable	Not applicable
<b>Packing Group:</b>	Not applicable	Not applicable	Not applicable	Not applicable
<b>Environmental Hazards:</b>	Not applicable	Not applicable	Not applicable	Not applicable
<b>Special Precautions for User:</b>	None	None	None	None
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</b>	Not applicable	Not applicable	Not applicable	Not applicable



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### Section 15: Regulatory Information

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#### US Federal Regulations

##### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):

None present or none present in regulated quantities.

##### US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E):

None present or none present in regulated quantities.

**CERCLA (40 CFR 302.4):** None present or none present in regulated quantities.

**SARA 304/313:** None present or none present in regulated quantities.

#### Clean Air Act (CAA) Section

**112(r) & 311:** None present or none present in regulated quantities.

#### US State Regulations:

**California Proposition 65:** This product does not contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**New Jersey RtK Act:** Chemical Identity - Glycerol.

**Massachusetts RTK List:** Not regulated.

**Pennsylvania RTK HS:** Chemical Identity - Glycerol.

**US. Rhode Island RTK:** Not regulated.

**Inventory Status:** Canada DSL Inventory List: Included on Inventory.

US TSCA Inventory: Not in compliance with the inventory.



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### Section 16: Other Information

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**Indication of Changes:** Version 1.1 created April 27, 2021

**HMIS Hazard ID:** Health: 1; Flammability: 1; Physical Hazards: 0

**List of Relevant R-phrases**

**(number and full text):** Not applicable

**Legal Disclaimer:** Since the user's working conditions are not known to us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

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