



# Safety Data Sheet

## Tetrapeptide-21 Solution

Complies with 29 CFR 1910.1200

### Section 1: Company and Product Identification

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**Product Name:** Tetrapeptide-21 Solution

**INCI Name:** 1,2,3-Propanetriol and Butane-1,3,-diol

**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:** Not classified as hazardous.

**Hazard Category:** None

**Hazard Statements:** None

**Precautionary Statements:** Not applicable.

**Other Hazards:** None



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### Section 3: Composition / Information on Ingredients

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Name	Hazard Category	CAS#	Weight %
1,2,3-Propanetriol	None	56-81-5	45-55%
Butane-1,3-diol	None	107-88-0	25-35%

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

### Section 4: First Aid Measures

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**Notable Exposure symptoms:** No information available.

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

**If inhaled:** Ensure supply of fresh air. If symptoms occur, seek medical attention.

**Eye contact:** Rinse thoroughly with water. Seek medical advice if irritation develops.

**Skin contact:** Wash material off skin with soap and water. Remove soiled or soaked clothing immediately. Consult a doctor if skin irritation persists.

### Section 5: Fire Fighting Measures

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**General Info:** Wear self-contained breathing apparatus and protective gear.

**Extinguishing Method /** Foam, Carbon dioxide (CO<sub>2</sub>), dry powder. Full water jet is unsuitable.

**Equipment:**

**Hazardous Decomposition Info:** Carbon monoxide, carbon dioxide. Under certain conditions of combustion traces of other toxic substances may be emitted.





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### Section 9: Physical and Chemical Properties

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**Physical State:** Liquid  
**Appearance:** Colorless liquid  
**Color:** Colorless  
**Odor:** Slight, specific  
**Odor Threshold:** No data available  
**pH:** 5 @ 20°C  
**Melting Point:** Not measured  
**Freezing Point:** No data available  
**Boiling Point:** >= 100°C  
**Flash Point (COC):** >249.8°C  
**Auto-ignition Temperature:** Not available  
**Decomposition Temperature:** Not available  
**Evaporation Rate:** Not applicable  
**Vapor Pressure:** Not available  
**Explosive Limits:** Lower: 1.8% (V), Upper: 15.7% (V)  
**Vapor Density:** Not determined  
**Specific Gravity:** Not determined  
**Water Solubility:** Not determined  
**Viscosity (cP):** No data available  
**Explosion Properties:** No data available  
**Oxidizing Properties:** No data available  
**Partition coefficient:** No data available  
**Density:** 1.12 g/cm<sup>3</sup> @ 20°C  
**Other information:** None

### Section 10: Stability and Reactivity

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**Reactivity:** Not reactive  
**Chemical Stability:** Stable under normal conditions.  
**Possibility of Hazardous Reactions:** None expected with proper storage and handling.  
**Reactions:**  
**Conditions to Avoid:** None with proper storage and handling  
**Incompatible Materials:** None known.  
**Hazardous Decomposition Products:** None with proper storage and handling



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### Section 11: Toxicological Information

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**Acute Toxicity:** No data available.

**Irritation:** No data available.

**Corrosivity:** Not corrosive.

**Sensitization:** No data available.

**Repeated Dose Toxicity:** No data available.

**Carcinogenicity:** No data available. No component has been identified as a carcinogen by IARC, NTP, OSHA, ACGIH.

**Mutagenicity:** No data available.

**Toxicity for reproduction:** No data available.

### Section 12: Ecological Information

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**Toxicity:** No ecotoxicity data available.

**Aquatic Toxicity:** No data available

**Persistence and Degradability:** No data available

**Bioaccumulative Potential:** No data available

**Mobility in Soil:** No data available

**Results of PBT and vPvB Assessment:** No data available

**Other Adverse Effects:** None known. Do not allow to enter soil, waterways, or waste water canal.

### Section 13: Disposal Information

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**Product disposal:** Comply with all local, state, and federal laws and regulations. Take to special waste incineration plant.

**Container disposal:** If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards. Comply with all local, state, and federal laws and regulations.

**Other considerations:**



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### Section 14: Transport Information

	US DOT	EU Land Transport (ADR/RID/AND)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
<b>UN Number:</b>				
<b>UN Proper Shipping Name:</b>	Not Regulated	Not Regulated	Not Regulated	Not Regulated
<b>Transport Hazard Class(es):</b>				
<b>Packing Group:</b>				
<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

### Section 15: Regulatory Information

**Canada:** 1,3-Butanediol is listed on the WHMIS Ingredient Disclosure List.

**USA SARA Title III, Section 311/312/313:** No SARA hazards. No SARA Title III, Section 313 listed chemicals.

**State Right to Know:** 1,2,3-Propanetriol is on Right to Know lists in Massachusetts, Rhode Island, and Pennsylvania

**CA Prop 65:** No ingredients that meet CA Prop 65 reporting requirements.

**USA (TSCA):** Not listed/registered.

**Canada (DSL):** Listed/registered or exempted.

**Chemical Safety Assessment:** No information available



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### Section 16: Other Information

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**Indication of Changes:** Version 1 created August 1, 2016

**HMIS III:** Health 1, Flammability 1, Reactivity 0, Personal Protection X

**List of Relevant R-phrases** Not applicable.  
**(number and full text):**

**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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