

## Keratin Protein, Hydrolyzed

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

Revision Date: 15-Sep-2022  
Supersedes: 14-Aug-2019

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Keratin Protein, Hydrolyzed	<b>Distributor:</b>	MakingCosmetics.com Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE
<b>INCI Name:</b>	Hydrolyzed Keratin Protein, Butylene Glycol, Phenoxyethanol, Ethylhexylglycerin		Redmond, WA 98053 (USA)
<b>CAS Number:</b>	69430-36-0, 107-88-0, 122-99-6, 70445-33-9	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>Formula:</b>	Not available	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Product Form:</b>	Liquid		
<b>Product Use:</b>	Cosmetic use	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)

### 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: Not expected to 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="1"> <tr> <td>Health</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Flammability</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Reactivity</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Specific Hazard</td> <td>N/A</td> <td></td> </tr> </table>	Health	N/A	N/A	Flammability	N/A	N/A	Reactivity	N/A	N/A	Specific Hazard	N/A	
Health	N/A	N/A											
Flammability	N/A	N/A											
Reactivity	N/A	N/A											
Specific Hazard	N/A												

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Keratin Protein, Hydrolyzed	69430-36-0	Not available	Not available
Butylene Glycol	107-88-0	Not available	Not available
Phenoxyethanol	122-99-6	Not available	Not available
Ethylhexylglycerin	70445-33-9	Not available	Not available

### 4 FIRST AID MEASURES

<b>Eyes:</b>	Flush with water; seek medical advice if discomfort persists.
<b>Inhalation:</b>	Not applicable, avoid breathing liquids or aerosols of material.
<b>Skin:</b>	Wash material off the skin with soap and water.
<b>Ingestion:</b>	Drink water. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get 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.
<b>Specific hazards arising from the chemical:</b>	None known. 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. Notify environmental authorities in case of large leaks.

**Methods and material for containment and cleaning up:**

Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

## 7 HANDLING & STORAGE

**Precautions for safe handling:** 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:** Store in cool, dry well-ventilated area. Avoid temperatures above 40°C. Optimum storage is 24°C or lower. Do not freeze. Avoid exposure to sunlight for prolonged periods. Keep 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>
Keratin Protein, Hydrolyzed	Not available		

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:** Chemical goggles with side splash protection recommended.  
**Inhalation:** Not needed under normal conditions of use.  
**Body:** Wear protective gloves.  
**Other:** Practice good personal hygiene, washing exposed areas of the skin several times daily. Launder contaminated clothing before re-use. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear to slightly hazy, amber liquid	<b>Vapor Pressure:</b>	Not determined
<b>Odor:</b>	Characteristic	<b>Saponification Value:</b>	No data available
<b>Taste:</b>	No data available	<b>Iodine Value:</b>	No data available
<b>Color:</b>	Clear to slightly hazy, amber	<b>Flammability:</b>	Not applicable
<b>Molecular Weight:</b>	No data available	<b>Peroxide Value:</b>	No data available
<b>pH</b>	6.0-7.5	<b>Solubility in Water:</b>	Complete
<b>Boiling Point:</b>	101.6°C (215°F)	<b>Flash Point:</b>	>250°F (Not flammable)
<b>Melting Point:</b>	No data available	<b>Specific Gravity @ 25°C:</b>	1.08
<b>Relative Density:</b>	No data available	<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>	Not determined	<b>Explosive Properties:</b>	None
<b>Oxidizing Properties:</b>	None	<b>Freezing Point:</b>	No data available

## 10 STABILITY AND REACTIVITY

**Reactivity:** Not reactive under normal conditions of use.  
**Chemical Stability:** No known hazardous reactions.  
**Hazardous Polymerization:** None known  
**Conditions to Avoid:** Gross bacterial contamination.  
**Incompatible Materials:** Concentrated nitric or sulfuric acid, strong oxidizing agents.  
**Hazardous Decomposition Products:** Burning can produce smoke, CO, CO<sub>2</sub>, ammonia, and other products of incomplete combustion.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Oral LD50 is anticipated to be >5 g/kg based on testing of similar material.
<b>Skin:</b>	No data available
<b>Eyes:</b>	No data available
<b>Respiratory:</b>	No data available
<b>Ingestion:</b>	No data available
<b>Carcinogenicity:</b>	None of the components are listed as a carcinogen by IARC, NTP, OSHA, ACGIH, or the EU Substances Directive.
<b>Teratogenicity:</b>	No data available
<b>Germ Cell Mutagenicity:</b>	Not expected to be a germ cell mutagenicity hazard.
<b>Embryotoxicity:</b>	No data available
<b>Specific Target Organ Toxicity:</b>	No data available
<b>Reproductive Toxicity:</b>	Not expected to affect reproduction or development.
<b>Respiratory/Skin Sensitization:</b>	No data available
<b>Corrosivity:</b>	This is not a corrosive product.
<b>Sensitization:</b>	Not expected to cause sensitization.
<b>Irritation:</b>	Not expected to cause irritation.
<b>Repeated Dose Toxicity:</b>	No data available

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	
<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>	Not expected to be bioaccumulative in aquatic organisms.
<b>Mobility in Soil:</b>	Since the product is completely soluble in water, it is expected to be highly mobile in soil.
<b>PBT and vPvB Assessment:</b>	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
<b>Other Adverse Effects:</b>	None known

## 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 container.
<b>Product Containers:</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 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>	Not regulated as dangerous goods
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	No data available
<b>IMDG (International Maritime Dangerous Goods):</b>	Not regulated as dangerous goods
<b>IATA (International Air Transport Association):</b>	Not regulated as dangerous goods
<b>ICAO (International Civil Aviation Organization):</b>	Not regulated as dangerous goods
<b>ADR/RID/ADN:</b>	Not regulated as dangerous goods

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	Not listed
<b>DSL (Canada):</b>	Listed
<b>EU EINECS/ELINCS/NLP:</b>	Listed
<b>China IECS:</b>	Listed
<b>Australia AICS:</b>	Listed
<b>Philippines PICCS:</b>	Listed
<b>Japan ENCS:</b>	Listed

## 16 OTHER INFORMATION

**Revision Date:** 15-Sep-2022

**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.