

## Plant Collagen-Like Protein, Hydrolyzed

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

Revision Date: 29-Mar-2021  
Supersedes: 09-Nov-2020

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Plant Collagen-Like Protein, Hydrolyzed	<b>Distributor:</b>	MakingCosmetics Inc.
<b>Synonyms:</b>	No data available	<b>Address:</b>	10800 231 <sup>st</sup> Way NE Redmond, WA 98053 (USA)
<b>INCI Name:</b>	Hydrolyzed soy protein, rice amino acids, hydrolyzed Adansonia Digitata (baobab) seed extract, L-proline	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	7732-18-5, 68607-88-5, 65072-01-7, 91745-12- 9, 147-85-3	<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>GHS Classification:</b>	Not classified												
<b>GHS Labeling:</b>	Not a dangerous substance according to GHS												
<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 colspan="2">N/A</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

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Water	7732-18-5	≥75.0%	Not Available
Hydrolyzed Soy Protein	68607-88-5	13.4-16.1%	Not Available
Rice Amino Acids	65072-01-7	4.3-6.3%	Not Available
L-Proline	147-85-3	0.5-3.0%	Not Available
Hydrolyzed Adansonia Digitata Seed Extract	91745-12-9	0.4-0.7%	Not Available
Sodium Benzoate	532-32-1	1 ± 0.1%	Not Available

### 4 FIRST AID MEASURES

<b>Eyes:</b>	Flush eyes with water. Seek medical attention if discomfort persists.
<b>Inhalation:</b>	Not applicable, avoid breathing liquid or aerosols of any kind.
<b>Skin:</b>	Wash material off the skin with soap and water. Seek medical attention if necessary.
<b>Ingestion:</b>	Drink water. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Seek medical attention if necessary.

### 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	May be combustible at high temperature. Use appropriate media (CO <sub>2</sub> , foam, halon, dry chemical, water spray (fog)) for adjacent fire. Do not use direct water jet.
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**Special protective equipment & precautions for firefighters:** Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.  
**Flash Points:** >250°C (not flammable)  
**Specific hazards arising from the chemical:** None known. See also Stability and Reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:** Ensure adequate ventilation. Use chemical safety goggles for eye/face protection. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.  
**Environmental precautions:** Not hazardous but avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.  
**Methods and material for containment and cleaning up:** Wipe up with absorbent material (e.g., cloth, fleece). Sweep up and place in suitable, closed containers for disposal. Dispose of all waste and cleanup materials in accordance with regulations.

## 7 HANDLING & STORAGE

**Precautions for safe handling:** Keep working place well ventilated; no special precautions are needed under normal use conditions. 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:** Avoid temperatures above 40°C. Optimum storage temperature is 24°C or lower. Do not freeze. Avoid exposure to sunlight for prolonged periods. Keep container tightly closed and dry. Keep away from heat and incompatible materials (see section 10 for incompatibilities). Storage Class (TRGS 510): Non-combustible liquids

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Plant Collagen-Like Protein, Hydrolyzed	No data 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:** None required under normal conditions of use.  
**Body:** None required under normal conditions of use. Protective gloves recommended.  
**Other:** Use good personal hygiene practices, washing exposed areas of the skin several times daily. Launder contaminated clothing before reuse. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Amber liquid	<b>Vapor Pressure:</b>	Not determined
<b>Odor:</b>	Characteristic	<b>Vapor Density:</b>	Not determined
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	Not applicable
<b>Color:</b>	Pale yellow - amber	<b>Flammability:</b>	Not applicable
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	Not applicable
<b>pH:</b>	4.0-5.5	<b>Flash Point:</b>	>250°C (not flammable)
<b>Boiling Point/Range:</b>	215°F / 101.6°C	<b>Specific Gravity @ -25°C:</b>	1.078
<b>Melting Point:</b>	Not determined	<b>Solubility in Water:</b>	Complete
<b>Relative Density @ 20°C:</b>	1.055-1.090	<b>Auto-ignition Temperature:</b>	Not determined

<b>Partition Coefficient: n-octanol/water:</b>	Not applicable	<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

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

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	No data available
<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>	No indication for carcinogenicity known by IARC, OSHA, NTP, ACGIH, or the EU Substances Directive.
<b>Teratogenicity:</b>	No data available
<b>Germ Cell Mutagenicity:</b>	No data available
<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>	HRIPT results indicate that the product is non-sensitizing.
<b>Irritation:</b>	HRIPT results indicate that the product is non-irritating.
<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 bio-accumulative 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 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. Offer surplus and non-recyclable solutions to a licensed disposal company.
<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>	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>Annex II of MARPOL and the IBC Code:</b>	Not applicable for product as supplied.

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	All the components are listed except Rice Amino Acids and CAS # 91745-12-9
<b>DSCL (EEC):</b>	All the components are listed except CAS # 91745-12-9
<b>WHMIS (Canada):</b>	No data available
<b>EU EINECS/ELINCS/NLP:</b>	All the components are listed except Rice Amino Acids
<b>China IECSC:</b>	Listed
<b>China IECIC (06.30.2014):</b>	No data available
<b>Australia AICS:</b>	All the components are listed except CAS # 91745-12-9
<b>Korea KECI:</b>	All the components are listed except Rice Amino Acids and CAS # 91745-12-9
<b>Japan ENCS:</b>	Only CAS # 68601-88-5 is listed
<b>Philippines PICCS:</b>	All the components are listed except CAS # 91745-12-9
<b>Germany:</b>	Water Class Hazard (Wassergefährdungsklasse): WGK 1

## 16 OTHER INFORMATION

<b>Revision Date:</b>	29-Mar-2021
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	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.