

Silk Protein, Hydrolyzed

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

Revision Date: 07/09/2020
Supersedes: 10/20/2018

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Silk Protein, Hydrolyzed	Distributor:	MakingCosmetics.com Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE
INCI Name:	Hydrolyzed silk protein, benzylalcohol, sodium benzoate, potassium sorbate		Redmond, WA 98053 (USA)
CAS Number:	N/A, 100-51-6, 532-32-1, 24634-61-5	Phone / Fax:	425-292-9502 / 425-292-9601
Formula:	Not available	Web:	www.makingcosmetics.com
Product Form:	Liquid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	Not classified												
GHS Labeling:	Not classified												
GHS Hazard Pictograms:	None												
GHS Hazard Statements:	None												
GHS Precautionary Statements:	None												
Potential Health Hazards:	Eyes: Not expected to be irritant. Inhalation: Not expected to be irritant. Skin: Not expected to be irritant. Ingestion: Not expected to be irritant.												
NFPA Ratings (704):	<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>
Hydrolyzed Silk Protein	N/A	Not available	Not available
Benzylalcohol	100-51-6	Not available	Not available
Potassium Sorbate	532-32-1	Not available	Not available
Sodium Benzoate	24634-61-5	Not available	Not available

4 FIRST AID MEASURES

Eyes:	Flush with water; seek medical advice if discomfort persists.
Inhalation:	Not applicable, avoid breathing liquids or aerosols of material.
Skin:	Wash material off the skin with soap and water.
Ingestion:	Drink water. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Get medical attention.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.
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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.

Specific hazards arising from the chemical: None known. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: 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: 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 clean-up 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>
Hydrolyzed silk protein	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

Appearance:	Clear to slightly hazy, amber liquid	Vapor Pressure:	Not determined
Odor:	Characteristic, slight	Saponification Value:	No data available
Taste:	No data available	Iodine Value:	No data available
Color:	Clear to slightly hazy, amber	Flammability:	Not applicable
Molecular Weight:	No data available	Peroxide Value:	No data available
pH	4.0-5.5	Solubility in Water:	Complete
Boiling Point:	101.6°C (215°F)	Flash Point:	>250°F (Not flammable)
Melting Point:	No data available	Specific Gravity @ -25°C:	1.04
Relative Density:	No data available	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-octanol/water:	No data available	Decomposition Temperature:	No data available

Viscosity:	Not determined	Explosive Properties:	None
Oxidizing Properties:	None	Freezing Point:	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 ₂ , ammonia, and other products of incomplete combustion.

11 TOXICOLOGICAL INFORMATION

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

12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	No data available
Aquatic Invertebrate:	No data available
Terrestrial:	No data available
Persistence and Degradability:	No data available
Bioaccumulative Potential:	Not expected to be bioaccumulative in aquatic organisms.
Mobility in Soil:	Since the product is completely soluble in water, it is expected to be highly mobile in soil.
PBT and vPvB Assessment:	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
Other Adverse Effects:	None known

13 DISPOSAL CONSIDERATIONS

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

15 REGULATORY INFORMATION

TSCA Inventory Status:	CAS 96690-41-1 not listed.
DSCL (EEC):	All components of this product are listed on the DSL/NDL.
WHMIS (Canada):	No data available
EU EINECS/ELINCS/NLP:	All components of this product are listed on the EINECS Inventory.
China IECSC:	All components of this product are listed on the IECSC.
China IECIC (06.30.2014):	No data available
Australia AICS:	All components of this product are listed on the AICS.
Philippines PICCS:	All components of this product are listed on the PICCS.
Japan ENCS:	No data available
Korea KECI:	No data available
New Zealand NZIoC:	No data available

16 OTHER INFORMATION

Revision Date:	07/09/2020
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.