

## Sericin Protein

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

Revision Date: 26-May-2026  
Supersedes: 19-Apr-2016

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Sericin Protein	<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>	Water (and) Hydrolyzed Sericin	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>CAS Number:</b>	7732-18-5, 73049-73-7	<b>Web:</b>	<a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Formula:</b>	No data available		
<b>Product Form:</b>	Liquid		
<b>Product Use:</b>	Cosmetic use	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)

### 2 HAZARDS IDENTIFICATION

**GHS Classification:** Not classified  
**GHS Labeling:** Not a hazardous substance or mixture.  
**GHS Hazard Pictograms:** None  
**GHS Hazard Statements:** None  
**GHS Precautionary Statements:** None  
**Potential Health Hazards:** Eyes: May be an irritant.  
 Inhalation: Not expected to be irritant under normal conditions of use.  
 Skin: May be an irritant.  
 Ingestion: May cause nausea, vomiting, and diarrhea.

**NFPA Ratings (704):**

Health	0	Minimal
Flammability	0	Minimal
Reactivity	0	Minimal
Specific Hazard	B	

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Water	7732-18-5	>50%	Not Available
Hydrolyzed Sericin	73049-73-7	5 - 10%	Not Available
Phenoxyethanol	122-99-6	0.1 - 1%	Not Available
Ethylhexylglycerin	70445-33-9	<0.1%	Not Available

### 4 FIRST AID MEASURES

**Eyes:** In case of eye contact, rinse with plenty of water for at least 15 minutes. Remove contact lenses, protect unharmed eye, and keep eyes wide open while rinsing. Seek medical attention if necessary.

**Inhalation:** If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

**Skin:** Remove contaminated clothing and shoes immediately. Flush with plenty of water and wash using soap. Get medical attention if irritation occurs.

**Ingestion:** Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Clean mouth with water and drink plenty of water afterwards. Do not give milk or alcoholic beverages. If large amounts swallowed or symptoms develop, get medical attention if necessary.

### 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.

**Special protective equipment &** Wear self-contained, approved breathing apparatus and full protective clothing, including eye

**precautions for firefighters:** 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 cleanup materials in accordance with regulations.

## 7 HANDLING & STORAGE

**Precautions for safe handling:** Normal handling and storage consistent with good manufacturing practices should be used. 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 (59-77°F/15-25°C), dry well-ventilated area. Keep away from heat and 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>
Sericin 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:** Safety glasses should be worn.  
**Inhalation:** Not needed under normal conditions of use.  
**Body:** Safety gloves should be worn, for example nitrile rubber. Wear lightweight protective clothing.  
**Other:** Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Liquid	<b>Vapor Pressure:</b>	Not determined
<b>Odor:</b>	Characteristic	<b>Vapor Density:</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	Not determined
<b>Color:</b>	Light yellow - brownish	<b>Flammability:</b>	No data available
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	Not determined
<b>pH:</b>	No data available	<b>Flash Point:</b>	Not applicable
<b>Boiling Point:</b>	Ca. 100°C	<b>Specific Gravity:</b>	No data available
<b>Melting Point:</b>	No data available	<b>Solubility in Water:</b>	Soluble
<b>Relative Density:</b>	Not determined	<b>Auto-Ignition Temperature:</b>	Not determined
<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>	Not explosive
<b>Oxidizing Properties:</b>	No data available	<b>Freezing Point:</b>	No data available

## 10 STABILITY AND REACTIVITY

**Reactivity:** No hazards to be specially mentioned.  
**Chemical Stability:** Stable under usual conditions.  
**Hazardous Polymerization:** No data available.

<b>Conditions to Avoid:</b>	Heat.
<b>Incompatible Materials:</b>	Strong oxidizing agents. Strong acids and strong bases.
<b>Hazardous Decomposition Products:</b>	Will not occur if used as directed.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	>2,000 mg/kg.
<b>Skin:</b>	No skin irritation. Non phototoxic.
<b>Eyes:</b>	No eye irritation.
<b>Respiratory:</b>	No data available.
<b>Ingestion:</b>	No data available.
<b>Carcinogenicity:</b>	No data available.
<b>Teratogenicity:</b>	No data available.
<b>Germ Cell Mutagenicity:</b>	Not mutagenic.
<b>Embryotoxicity:</b>	No data available.
<b>Specific Target Organ Toxicity:</b>	Not classified as specific target organ toxicant.
<b>Corrosivity:</b>	This is not a corrosive product.
<b>Sensitization:</b>	Did not cause sensitization. No photoallergenic skin reaction.
<b>Irritation:</b>	HRIPT results indicate this product is non-irritating.

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Disperse residue to reduce aquatic harm.
<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>	Biodegradable.
<b>Bioaccumulative Potential:</b>	No data available.
<b>Mobility in Soil:</b>	No data available.
<b>PBT and vPvB Assessment:</b>	No data available.
<b>Other Adverse Effects:</b>	This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the US Clean Air Act Section 602 (40 CFR 82, Subpt. A, App. A + B).

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	This material, if discarded, is not a hazardous waste under RCRA Regulation 40 CFR 261. 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.
<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>49 CFR:</b>	Not regulated as a dangerous good.

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	Not subject to Significant New Use Rule. Not subject to TSCA 12(b) export notification requirements.
<b>CERCLA Reportable Quantity:</b>	Does not contain any components with a CERCLA RQ.

<b>SARA 304:</b>	Does not contain any components with a section 204 EHS RQ.
<b>SARA 311/312 Hazards:</b>	No SARA hazards.
<b>SARA 302:</b>	No chemicals are subject to reporting requirements of SARA Title III, Section 302.
<b>SARA 313:</b>	Does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.
<b>Clean Air Act:</b>	Does not contain any hazardous air pollutants, as defined by the US Clean Air Act Section 112 (40 CFR 61). Does not contain any chemicals listed under the US Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F). Does not contain any chemicals listed under the US Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489).
<b>Clean Water Act:</b>	Does not contain any hazardous substances listed under the US Clean Water Act, Section 311, Table 116.4.A. Does not contain any hazardous chemicals listed under the US Clean Water Act, Section 311, Table 117.3. Does not contain any toxic pollutants listed under the US Clean Water Act Section 307.
<b>Massachusetts Right to Know:</b>	No components are subject to the Massachusetts Right to Know Act.
<b>Pennsylvania Right to Know:</b>	Water: 7732-18-5. 70-90% Sericin: 800392-68-1. 5-10%
<b>New Jersey Right to Know:</b>	Water: 7732-18-5. 70-90% Sericin: 800392-68-1. 5-10%

## 16 OTHER INFORMATION

<b>Revision Date:</b>	26-May-2026
<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.