



Safety Data Sheet

Silk Amino Acids

1. Identification of the Substance/Mixture and of the Company

1.1 Product Identifier

Product Name: Silk Amino Acids

1.2 Relevant Identified Product Use

Intended Use: Compound used in customer substance/mixture/product.

1.3 Details of the Supplier of the Safety Data Sheet

Candora Soap Inc.
 980 Adelaide St. S,
 London, On. N6E-1R3
 519-685-3111
 www.candorasoap.ca

1.4 Emergency Telephone Number

(800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands
+1 (813) 248-0585 International

2. Hazards Identification

2.1 Classification of the Substance or Mixture

Classification According to GHS: No classification required.

OSHA Classification (Provisions 1910.1200 of title 29)

Carcinogenicity: This mixture contains ingredients identified as carcinogens, at 0.1% or greater, by the following: None ACGIH IARC NTP OSHA .

2.2 Label Elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard Pictograms: Not required.



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Signal Word: Not required.

Hazard Statements: Not required.

Precautionary Statements

Prevention: Not required.

Response: Not required.

2.3 Other Hazards

No data available.

3. Composition/Information on Ingredients

3.1 Mixtures

Ingredient	CAS#	EC#	Conc. Range
Water	7732-18-5	231-791-2	86.0 – 92.0%
Hydrolyzed Silk	96690-41-4	306-235-8	8.0 – 14.0%

*See section 16 for full text of GHS classification codes.

4. First Aid Measures

4.1 Description of First Aid Measures

Inhalation:	Remove from exposure site to fresh air and keep at rest. Obtain medical advice if irritation occurs or persists.
Eye Exposure:	Flush with water. Get medical attention if irritation occurs or persists.
Skin Exposure:	Wash skin with soap and water. Get medical attention if irritation occurs or persists.
Ingestion:	Rinse mouth and obtain medical advice.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms and Risks: No data available.



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4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

Treatment: No immediate medical treatment normally needed.

5. Firefighting Measures

5.1 Extinguishing Media

Suitable: Carbon dioxide (CO₂), Dry Chemical, Foam, Water Spray (Fog)

Unsuitable: No data available.

5.2 Special Hazards Arising from the Substance or Mixture

During Firefighting: None known.

5.3 Advice for Firefighters

Further Information: Self-contained breathing apparatus with full-face piece and protective clothing. Do not use direct or heavy water stream to fight fire as it may splash burning liquid.

6. Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Ensure adequate ventilation. Use chemical safety goggles for eye/face protection.

6.2 Environmental Precautions

Non-hazardous but avoid direct releases to the environment.

6.3 Methods and Materials for Containment and Cleaning Up

Pick up with absorbent material and collect for disposal.

6.4 Reference to Other Sections

Refer to Section 8 for protective equipment and Section 13 for disposal considerations.



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7. Handling and Storage

7.1 Precautions for Safe Handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat, or smoke while handling. Respect good personal hygiene. No special precautions are needed under normal use conditions.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Avoid temperatures above 40°C as this may affect the efficacy of the product. Optimum storage temperature is 24°C or lower. Do not freeze. Avoid exposure to sunlight for prolonged periods.

7.3 Specific End Uses

No information available.

8. Exposure Controls/Personal Protection

8.1 Control Parameters

Exposure Limits: Contains no substances with occupational exposure limit values.
Engineering Controls: General mechanical ventilation is acceptable.

8.2 Exposure Controls – Personal Protective Equipment

Eye Protection: Chemical goggles with side splash protection is recommended.
Respiratory Protection: None required under normal conditions of use.
Skin Protection: Use chemically resistant gloves as needed.
Other: An eye wash facility should be available in the work area. Employees must practice good personal hygiene, washing exposed areas of the skin several times daily. Launder contaminated clothing before reuse.

9. Physical and Chemical Properties



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9.1 Information on Basic Physical and Chemical Properties

Appearance:	Clear to slightly hazy, amber liquid.
Odour:	Characteristic.
Viscosity:	Not determined.
Freezing Point:	Not determined.
Boiling Point:	215°F (101.6°C)
Melting Point:	Not determined.
Flashpoint (CCCFP):	>250°F (>121°C)
Autoignition Temperature:	Not available.
Explosive Properties:	None expected.
Oxidizing Properties:	None expected.
Vapour Pressure (mmHg@20):	Not determined.
Specific Gravity @ 25 C:	1.04
Water Solubility:	Complete.

10. Stability and Reactivity

10.1 Reactivity:	Not reactive under normal conditions of use.
10.2 Chemical Stability:	No known hazardous reactions.
10.3 Possibility of Hazardous Reactions:	None known.
10.4 Conditions to Avoid:	Gross bacterial contamination.
10.5 Incompatible Materials:	Concentrated nitric or sulfuric acid. Strong oxidizing agents.
10.6 Hazardous Decomposition Products:	Burning can produce smoke, CO, CO ₂ , ammonia, and other products of incomplete combustion.

11. Toxicological Information

11.1 Toxicological Effects

Acute Toxicity Estimates (ATEs) based on the individual Ingredient Toxicity Data utilizing the "Additivity Formula".

Acute Toxicity – Oral:	Oral LD50 is anticipated to be >5g/kg based on testing of similar materials.
Acute Toxicity – Dermal:	Not classified – the classification criteria are not met.
Acute Toxicity – Inhalation:	Not classified – the classification criteria are not met.
Skin Corrosion/Irritation:	Not classified – the classification criteria are not met.
Serious Eye Damage/Irritation:	Not classified – the classification criteria are not met.
Respiratory Sensitization:	Not classified – the classification criteria are not met.



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Skin Sensitization:	Not classified – the classification criteria are not met.
Germ Cell Mutagenicity:	Not classified – the classification criteria are not met.
Carcinogenicity:	Not classified – the classification criteria are not met.
Reproductive Toxicity:	Not classified – the classification criteria are not met.
Specific Target Organ Toxicity – Single Exposure:	Not classified – the classification criteria are not met.
Specific Target Organ Toxicity – Repeated Exposure:	Not classified – the classification criteria are not met.
Aspiration Hazard:	Not classified – the classification criteria are not met.

12. Ecological Information

12.1 Toxicity

Acute Aquatic Toxicity:	No data available.
Chronic Aquatic Toxicity:	No data available.
Toxicity Data on Soil:	No data available.
Toxicity on Other Organisms:	No data available.

12.2 Persistence and Degradability: No data available.

12.3 Bioaccumulative Potential: Not expected to be bioaccumulative in aquatic organisms.

12.4 Mobility in Soil: Since the product is completely soluble in water, it is expected to be highly mobile in soil.

12.5 Other Adverse Effects: No data available.

13. Disposal Conditions

13.1 Waste Treatment Methods

Dispose of in accordance with all local, federal or provincial, and national regulations.

14. Transport Information

Regulator	Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT (Non-Bulk) Chemicals NOI	Not regulated – Not dangerous goods.			



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ADR/RID (International Road/Rail)

Chemicals NOI Not regulated – Not dangerous goods.

IATA (Air Cargo)

Chemicals NOI Not regulated – Not dangerous goods.

IMDG (Sea)

Chemicals NOI Not regulated – Not dangerous goods.

15. Regulatory Information

U.S. Federal Regulations:

TSCA (Toxic Substance Control Act): All components of the substance/mixture are listed or exempt.

40 CER (EPCRA, SARA, CERCLA and CAA) This product contains NO components of concern.

U.S. State Regulations:

California Proposition 65 Warning No warning required.

Canadian Regulations:

DSL/NDSL 100% of the components are listed or exempt.

16. Other Information

Remarks:

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Candora Soap Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of Candora Soap Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of Candora Soap Inc. is limited to the value of the



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