

Safety Data Sheet

In accordance with REACH Regulation EC No.1907/2006

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: Silk Amino Acids, Liquid
CAS number: 96690-41-4
EINECS number: 306-235-8
Synonyms: -
INCI name: Water (Aqua), Glycerin, Hydrolyzed Silk

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance/mixture: Cosmetic ingredient

1.3. Details of the supplier of the safety data sheet

Company name: Bath and Body Base Ltd
2A Laurel Way
Bishop Auckland
Co. Durham
DL14 7NF
Tel: 07493 064263
Email: technical@bathandbodybase.com

1.4. Emergency telephone number

Emergency tel: 07493 064263

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No 1272/2008): Not a hazardous substance or mixture.

2.2. Label elements

Labelling (Regulation (EC) No 1272/2008): Not a hazardous substance or mixture.

2.3. Other hazards

Other hazards: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Section 3: Composition/information on ingredients**3.1. Mixtures**

Mixtures: No hazardous ingredients.

Section 4: First aid measures**4.1. Description of first aid measures**

General advice: Do not leave the victim unattended.

Skin contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.

Eye contact: Immediately flush eye(s) with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

Ingestion: Rinse mouth with water. Keep respiratory tract clear. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Inhalation: Remove person to fresh air. If signs/symptoms continue, get medical attention. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

Protection of first aiders: First Aid responders should pay attention to self-protection and use the recommended protective clothing.

4.2. Most important symptoms and effects, both acute and delayed

Risks: First aider needs to protect themself.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate/special treatment: The first aid procedure should be established in consultation with the doctor responsible for industrial medicine. There is no specific antidote available.

Section 5: Fire-fighting measures**5.1. Extinguishing media**

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media: High volume water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: No hazardous combustion products are known.

5.3. Advice for fire-fighters

Special protective equipment for fire-fighters: In the event of fire, wear self-contained breathing apparatus.

Further information: In the event of fire and/or explosion do not breathe fumes. Standard procedure for chemical fires. Use a water spray to cool fully closed containers.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2. Environmental precautions

Environmental precautions: If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

Reference to other sections: Refer to Section 8 and 13.

Section 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling: Avoid formation of aerosol. For personal protection see Section 8. Smoking, eating and drinking should be prohibited in the application area.

Advice on protection against fire and explosion: Normal measures for preventive fire protection.

Hygiene measures: General industrial hygiene practice.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers: Electrical installations/working materials must comply with the technological safety standards.

Advice on common storage: No materials to be especially mentioned. Do not store near acids.

Further information on storage stability: No decomposition if stored and applied as directed.

7.3. Specific end use(s)

Specific end use(s): Cosmetic ingredient.

Section 8: Exposure controls/personal protection
8.1. Control parameters
Occupational exposure limits:

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Glycerol	56-81-5	TWA (Mist.)	10mg/m ³	EH40 WEL

8.2. Exposure controls

Respiratory protection:	No personal respiratory protective equipment normally required
Hand protection:	As the product is a mixture of several substances, the durability of the glove materials cannot be calculated in advance and has to be tested before use.
Eye protection:	Safety glasses.
Skin protection:	Work uniform or laboratory coat.

Section 9: Physical and chemical properties
9.1. Information on basic physical and chemical properties

Appearance:	Clear liquid
Colour:	Pale yellow to light brown
Odour:	Characteristic
Odour threshold:	No data available.
pH:	ca. 4,5 (20°C) Method: DIN 19268
Melting point/freezing point:	Not determined.
Boiling point/boiling range:	Not determined.
Flashpoint:	>100°C
Evaporation rate:	Not applicable.
Upper explosion limit/upper flammability limit:	Vapours may form explosive mixtures with air.
Lower explosion limit/lower flammability limit:	Vapours may form explosive mixtures with air.
Vapour pressure:	<1 kPa (50°C) calculated
Relative vapour density:	Not determined.
Relative density:	1,1010 - 1,1110 (20°C) relation to density of water at 4°C
Bulk density:	Not applicable.
Water solubility:	Completely miscible
Partition coefficient n-octanol/water:	Not applicable.
Decomposition temperature:	Not determined.
Viscosity, dynamic:	Not determined.
Viscosity, kinematic:	Not determined.
Explosive properties:	Due to its structural properties, the product is not classified as explosive.

Oxidizing properties: The substance or mixture is not classified as oxidizing.

9.2. Other information

Molecular weight: Not applicable.

Self-ignition: The substance or mixture is not classified as self-heating.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: No decomposition if stored and applied as directed.

10.2. Chemical stability

Chemical stability: No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

Hazardous reactions: Stable under recommended storage conditions. Vapours may form explosive mixture with air.

10.4. Conditions to avoid

Conditions to avoid: No data available.

10.5. Incompatible materials

Materials to avoid: No data available.

10.6. Hazardous decomposition product

Haz. decomp. products: No hazardous decomposition products are known.

Section 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: Not classified based on available information.

Skin corrosion/irritation: Not classified based on available information.

Serious eye damage/eye irritation: Not classified based on available information.

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Germ cell mutagenicity: Not classified based on available information.

Carcinogenicity: Not classified based on available information.

Reproductive toxicity: Not classified based on available information.

STOT - single exposure: Not classified based on available information.

STOT - repeated exposure: Not classified based on available information.

Aspiration toxicity: Not classified based on available information.

Section 12: Ecological information

12.1. Toxicity

Toxicity: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Product: Send to a licensed waste management company.

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14: Transport information

UN number or ID number: Not regulated as a dangerous good.

UN proper shipping name: Not regulated as a dangerous good.

Transport hazard class(es): Not regulated as a dangerous good.

Packaging group: Not regulated as a dangerous good.

Environmental hazards: Not regulated as a dangerous good.

Special precautions for user: Not classified as dangerous in the meaning of transport regulations

Transport in bulk according to Annex II of Marpol and the IBC Code: Not applicable for product as supplied.

Section 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Specific regulations:	<p>REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59): Not applicable.</p> <p>REACH - List of substances subject to authorisation (Annex XIV): Not applicable.</p> <p>REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII): Not applicable.</p> <p>Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances: Not applicable.</p> <p>Volatile organic compounds: Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control). Not applicable.</p>
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15.2. Chemical Safety Assessment

Chemical safety assessment:	A Chemical Safety Assessment is not required for this substance.
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Section 16: Other information**16.1. Other information**

Full text of other abbreviations:	EH40 WEL: UK. EH40 Workplace Exposure Limits (WELs), as amended.
Other information:	EH40 WEL/TWA: Time weighted average * Indicates text in the SDS which has changed since the last revision.
Legal disclaimer:	<p>This information is provided for documentation purposes only.</p> <p>The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product.</p> <p>Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.</p> <p>Compliance with all appropriate local regulations remains the responsibility of the user.</p> <p>This safety sheet cannot cover all possible situations which the user may experience during processing.</p> <p>Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary.</p> <p>All health and safety information contained in this document should be provided to your employees or customers.</p>