

## CERTIFICATE OF ANALYSIS & SAFETY DATA SHEET

**PRODUCT:** Silk powder (peptides)

**INCI:** Hydrolize Silk

**COUNTRY OF ORIGIN:** Chine

**USAGE:** Cosmetic use only

### Physical & chemical data / Specification

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White fine powder	Complies
Odor	Strong odor	Complies
Solubility	Soluble in water	Complies
Sieve Analysis	90% pass thru 80 mesh	Complies
Total nitrogen	>14.0 %	14.7 %
Moisture Content	< 5 %	2.6 %
Ash	< 5 %	3.3 %
Total Plate count	<10,000 CFU/g	Complies
Assay	14 % Nitrogen	Complies
Yeast & Mold	<1,000 CFU/g	Complies

### COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Silk Peptide	96690-41-4/73049-73-7	-	100%

### HAZARDS IDENTIFICATION

#### Emergency Overview

**GHS Classification:**

**GHS Label elements, including precautionary statements:**

**Hazard statement(s)**

**Precautionary statement(s)**

Not classified as dangerous goods.

Signal: Not applicable

Not applicable.

Not applicable.

### EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Eyes:** Use tightly sealed goggles.

**Skin:** If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

**Respiratory:** In case of insufficient ventilation, wear respiratory equipment.

## FIRST AID MEASURES

**Eye contact:** Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

**Skin contact:** Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

**Inhalation:** If inhaled, removed to fresh air. Get medical attention if symptoms appear.

**Ingestion:** Seek medical attention or contact local poison control center.

## PHYSICAL AND CHEMICAL PROPERTIES

pH	5.0 – 7.0
Solubility (ies)	Soluble in water

## HANDLING AND STORAGE

**Precautions for safe handling:** No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

**Conditions for safe storage, including any incompatibilities:** Provide local exhaust or general room ventilation to minimize dust and/or vapor concentrations. Keep container closed when not in use.

## FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Carbon dioxide, foam, dry powder or water spray

**Special protective equipment and precautions for fire-fighters:** Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

**Special hazards arising from the substance or its combustible products:** Hazardous decomposition products may be formed at extreme heat or if burned.

**Resulting gases:** Carbon oxides

## ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment, and emergency procedures:** Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

**Environmental precautions:** Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

**Methods and materials for containment and cleaning up:** Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal container.

## STABILITY AND REACTIVITY

**Reactivity:** This material presents no significant reactivity hazard.

**Chemical stability:** Chemically stable.

**Possibility of hazardous reactions:** Hazardous polymerization will not occur.

**Conditions to avoid:** Avoid sparks, flame and other heat sources.

**Incompatible materials:** Strong oxidizing agents.

**Hazardous decomposition products:** Carbon oxides

## TOXICOLOGICAL INFORMATION

**Acute toxicity:** Not available

**Skin contact:** Adverse skin effect should be prevented by normal care and personal hygiene.

**Eye contact:** Possible irritation should be prevented by wearing safety glasses.

## ECOLOGICAL INFORMATION

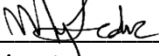
**Ecotoxicity:** Avoid any pollution of ground, surface or underground water.

**Persistence and degradability:** Not available

**Bio - accumulative potential:** Not available.

**Mobility in soil:** Not available.

**Other adverse effects:** Not available.

Émis par  \_\_\_\_\_  
Boutique Director

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