

Silk Hydrolysate PF

Page: 1/4

Revision Date: April 13, 2023

## SECTION 1. IDENTIFICATION

<b>Product Name:</b>	Silk Hydrolysate PF
<b>INCI Name:</b>	<i>Hydrolyzed Silk &amp; Leuconostoc/Radish Root Ferment Filtrate</i>
<b>CAS#:</b>	96690-41-4 & 1686112-10-6 (or) 84775-94-0 (or) 9015-54-7
<b>Recommended Use</b>	Topical Cosmetic Use
<b>Supplier:</b>	<b>Bulk Naturals Wholesale LLC.</b> 212 N Jefferson Unit 12A Ava, Mo 65608, USA
<b>Telephone No. (24hrs):</b>	1-573-465-0612
<b>Emergency Telephone # :</b>	<b>1-573-465-0612(Mon-Fri: 8:00AM – 5:00PM CST)</b>

## SECTION 2. HAZARD(S) IDENTIFICATION

<b>GHS Classification:</b>	Based on present data no classification and labeling is required according to GHS, taking into account the national implementation (United Nations version 2011).
<b>USA OSHA Regulatory Status:</b>	This material is non-hazardous as defined by the American OSHA Hazard Communication Standard (29 CFR 1910.1200).
<b>GHS Label elements</b>	
<b>Hazard statement(s)/Signal:</b>	Not applicable.
<b>Precautionary statement(s):</b>	
P233	Keep the container tightly closed.
P281	Use personal protective equipment as required.
P402	Store in a dry place.
P404	Store in a closed container.
P410	Protect from sunlight.
P411	Store at temperatures not exceeding 32°C.
<b>Other hazards which do not result in classification:</b>	
No particular fire or explosion hazard.	
By mechanical effect:	No particular hazards.
No particular hazards. By hygroscopic effect:	No particular hazards.

## US NFPA 704 (National Fire Protection Association) Hazard Rating System:

Health hazard:	Rating 0; Normal material
Flammability:	Rating 0, Will not burn
Reactivity:	Rating 0, Stable

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Silk Hydrolysate PF

Page: 2/4

Revision Date: April 13, 2023

## Results of PBT and vPvB assessment:

-PBT: Not applicable.  
-vPvB: Not applicable.

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Name	CAS Numbers	EC Numbers	Percentage
Hydrolyzed Silk	96690-41-4	306-235-8	98.0%
Leuconostoc/Radish Root Ferment Filtrate	1686112-10-6 (or) 84775-94-0 (or) 9015-54-7	N/A (or) 283-918-6 (or) 295-635-5	2.0%

## SECTION 4. FIRST AID MEASURES

**General:** In all cases of doubt, or when symptoms persist, seek medical attention.

**Inhalation:** Move to fresh air from the exposure area. Get medical attention for any breathing difficulty.

**Skin contact:** Rinse with soap and water. Get medical advice if irritation develops.

**Eye contact:** Immediately rinse with plenty of water for at least 15 minutes, while keeping the eyes wide open. Consult with a physician.

**Ingestion:** Consult with a physician.

## SECTION 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Dry chemicals, foam, and carbon dioxide.

**Special precaution for fire-fighters:** Move the container from the fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of the low area. Do not attempt to fight the fire without suitable protective equipment.

**Fire and explosion hazards:** Not considered to be a fire and explosion hazard.

**Protection for fire-fighters:** Boots, gloves, and goggles.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Avoid contact with eyes. Personal Protective Equipment: -Protective goggles. Provide adequate ventilation. Avoid inhalation of dust.

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

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Silk Hydrolysate PF

Page: 3/4

Revision Date: April 13, 2023

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**Methods for cleaning up:**

Pick up free liquid for recycling or disposal. Residual liquid can be absorbed by an inert material. Wash the non-recoverable remainder with water

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**SECTION 7. HANDLING AND STORAGE****Precautions for safe handling:**

Keep out of the reach of children. For industrial use, only as directed. Wash hands after use. Avoid storage near feed or foodstuff.

**Recommended Storage Conditions:**

Keep the container closed. Store in a dry place at temperatures not exceeding 32°C. Based on stability studies, the optimum storage temperature for maximization of shelf life is 23 - 25°C. However, it may be stored at temperatures between 16 and 32°C if such specific temperature control is not available. Do not freeze.

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**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Respiratory protection:**

Local exhaust.

**Hand protection:**

Protective gloves made of rubber or neoprene.

**Eye protection:**

Safety glasses.

**Skin and Body Protection:**

Suitable protective clothing.

**Hygiene measures:**

Handle in accordance with good industrial hygiene and safety practices.

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**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance:**

Clear to slightly hazy amber liquid.

**Color:**

7 Gardner Maximum

**Odor:**

Characteristic

**pH (Direct):**

4.0 – 6.0

**Specific Gravity:**

1.0840

**Boiling Point:**

100°C.

**Flashpoint:**

> 200°F.

**Solubility:**

Soluble in water.

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**SECTION 10. STABILITY AND REACTIVITY****Stability:**

Chemically stable.

**Possibility of hazardous reactions:**

Hazardous polymerization will not occur.

**Conditions to avoid:**

Avoid sparks, flame, and other heat sources.

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# Safety Data Sheet

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Silk Hydrolysate PF

Page: 4/4

Revision Date: April 13, 2023

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**Incompatible materials:** No dangerous reaction is known with common products.  
**Hazardous Decomposition Products:** None known.

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## SECTION 11. TOXICOLOGICAL INFORMATION

**Inhalation:** Not Determined.  
**Dermal:** Non-Irritant (Dermal Irritation Model).  
**Ocular:** Non-Irritant (Ocular Irritation Model).  
**Ingestion:** Not Determined.  
**Additional Toxicological Information:** This product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

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## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** EC10 (Freshwater Alga): 108.57 mg/L - Not harmful to aquatic organisms.  
EC20 (Freshwater Alga): 197.42 mg/L - Not harmful to aquatic organisms.  
**Persistence and Degradability:** Readily Biodegradable (93.5% biodegradation after 28 days of testing).

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## SECTION 13. DISPOSAL CONSIDERATIONS

**Prohibition:** Do not allow the product to be released into the Environment.  
**Destruction/Disposal** Dispose of in accordance with relevant local regulations.

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## SECTION 14. TRANSPORT INFORMATION

This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as Non-Regulated Material.

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## SECTION 15. REGULATORY INFORMATION

This product does not need to be labeled in accordance with EC Directives or respective national laws

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## SECTION 16. OTHER INFORMATION

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