

Hydrolyzed Vegan Liquid Silk Cruelty Free

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Revision Date: March 13, 2023

SECTION 1. IDENTIFICATION

Product Name: Hydrolyzed Vegan Liquid Silk Cruelty-Free
INCI Name: *Water, Yeast Amino Acids, & Lactobacillus Ferment*
CAS#: 7732-18-5, 65072-01-7, 1686112-36-6 (or) 68333-16-4
Recommended Use Topical Cosmetic Use
Supplier: **Bulk Naturals Wholesale LLC.**
105 N Jefferson St Ava, Mo 65608, USA
Telephone No. (24hrs): 1-573-465-0612
Emergency Telephone # : **1-573-465-0612(Mon-Fri: 8:00AM – 5:00PM CST)**

SECTION 2. HAZARD(S) IDENTIFICATION

GHS Classification: Based on present data no classification and labeling are required according to GHS, taking into account the national implementation (United Nations version 2011).

USA OSHA Regulatory Status: This material is non-hazardous as defined by the American OSHA Hazard Communication Standard (29 CFR 1910.1200).

GHS Label elements

Hazard statement(s)/Signal: Not applicable.

Precautionary statement(s):

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.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Product Name	CAS Numbers	EC Numbers	Percentage
Water	7732-18-5	231-791-2	78.0%
Yeast Amino Acids (Hydrolyzed Vegan) Liquid Silk	65072-01-7	N/A	20.0%
Lactobacillus Ferment	1686112-36-6 (or) 68333-16-4	N/A (or) N/A	2.0%

SECTION 4. FIRST AID MEASURES

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

The information given and the recommendations made herein are based on our research and are believed to be accurate but no guarantee of their accuracy is made and we assume no liability regarding this formula or information contained herein. In every case we urge and recommend that our customers make their own tests to determine to their own satisfaction whether the product is suitable for their particular purposes under their own operating conditions. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent without the authority from the owner of this patent

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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:	Water, dry chemicals, foam and carbon dioxide.
Special protective equipment and precautions 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 areas.
Fire and explosion hazards:	Not considered to be a fire and explosion hazard.
Protection for fire-fighters:	Boots, gloves, 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 into sewers and waterways. Do not allow material to contaminate the groundwater system.
Methods for cleaning up:	Pick up free liquid for recycling or disposal. Residual liquid can be absorbed by an inert material. Sweep or vacuum up any powder and place it in a clearly labeled waste container, avoiding dust formation.

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.
Collective emergency equipment:	Eye fountain.
Skin and Body Protection:	Suitable protective clothing.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practices.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear to slightly hazy, light yellow to amber liquid.
Odor:	Characteristic odor.
pH (Direct):	3.5 – 6.5
Non-Volatile Matter (1g-1hr-105°C):	10.0 – 20.0%
Specific Gravity:	1.01
Boiling Point:	100°C.
Flashpoint:	> 200°F.
Solubility:	Soluble in water.

SECTION 10. STABILITY AND REACTIVITY

Chemical stability:	Stable under ordinary conditions of use and storage for up to one year then re-test to full product specifications to extend shelf life
Conditions to avoid:	No dangerous reactions under normal conditions. Avoid extreme heat.
Materials to avoid:	No dangerous reaction is known with a common product.

SECTION 11. TOXICOLOGICAL INFORMATION

Ingestion:	Not Determined.
Eye:	Non-Irritant (Dermal Irritation Model).
Skin:	Non-Irritant (Dermal Irritation Model).
Inhalation:	Not Determined.
Mutagenicity:	Non-Mutagenic (OECD471/ISO10993.Part 3 – Genotoxicity: Bacterial Reverse Mutation Test)
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): 104.92 mg/L - Not harmful to aquatic organisms.

EC20 (Freshwater Alga): 220.66 mg/L - Not harmful to aquatic organisms.

Products of Biodegradation:

Readily Biodegradable (92.7% biodegradation after 28 days of testing)

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.

SECTION 14. TRANSPORT INFORMATION

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

SECTION 15. REGULATORY INFORMATION

EC regulations:

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

Further regulations:

Handle in accordance with relevant British regulation: control of substances Hazardous to Health Regulations Environmental Hygiene Guidance: EH40 Workplace Exposure Limits (revised annually)

SECTION 16. OTHER INFORMATION

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