



MATERIAL SAFETY DATA SHEET (MSDS-2021)

1 – PRODUCT IDENTIFICATION

1.1 **Product Name** : Helix aspersa snail mucus lyophilized powder

- Packaging : 1-5 grams - glass jar , 5-1000 grams -- Doy-pack with aluminum foil with ziplock
- Reference : www.mucus.pro
- Brand : Mucus pro
- INCI name: Snail secretion filtrate

1.2 **Supplier:**

Bulova Ltd 02 672 Domaniewska str Warsawa, Poland

1.3 **Type of use:** active ingredient as skin conditioning in cosmetic and dermatologic applications. For nutritional supplements for a healthy diet.

2 COMPOSITION / INFORMATION ON INGREDIENTS

The complex is extracted from the secret of the Helix aspersa snail by the Mucus pro method in the "Cruelty free" mode. Lyophilized product (Dried by the method – lyophilization).

One component product, composition: Helix aspersa snail mucus, 99.9% purity

3 HAZARDS IDENTIFICATION

None

The product does not contain parabens, dioxins, SLS, SLES and other salts and acids.
Does not contain allergens

4 FIRST AID MEASURES

- In case of ingestion: None
- In case of spillage on the skin: None
- In case of contact with eyes: Cleansing with eye solution Inhalation: None

5 FIRE FIGHTING MEASURES

5.1 – **Extinguishing Media:** No need due to the powder is non-flammable powder.

5.2 – **Specific Hazards:** None

5.3 – **Protection:** In the event of fire, wear suitable respiratory equipment. Acrid fumes due to packaging may be released to the temperature of the fire.

6 ACCIDENTAL RELEASE MEASURES

6.1 – **Precautions:** None

6.2 – **Precautions for the protection of the environment :** Biodegradable.

6.3 – **Methods for cleaning up:** Absorbents, water and soap

7 HANDLING AND STORAGE

7.1 Handling:

- Technical measures: In clean room use gloves and sterile equipment avoiding contaminate the product.
- Precautions: Sensitive, the product must be protected from sunlight, heat and ultraviolet rays that can alter the structure of its components. .Do not heat above 48°C because the active ingredients are thermolabile.
- Directions for use: The SSF powder is sensitive to sudden changes in pH and heat.

7.2 Storage:

- Technical measures: up to 120 months in original packaging, using an oxygen absorber in a container, protected from light and dry at a temperature of 25°C (+/- 5°C)
- Storage conditions: In original packaging, tightly closed, the expiry to use.
- Incompatible materials: None
- Packaging materials recommended: None
- Packaging materials unsuitable: None

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 – **Technical measures:** Biodegradable

8.2 – **Personal protective equipment:**

- Respiratory Protection: Not required to respect.
- Protection of hands: Not required to respect.
- Eye protection: Not required to respect.
- • Skin and body protection: not required.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 – **Appearance:** Powder

9.2 – **Color:** Beige or gray

9.3 – **Odor:** Scentless

9.4 – **pH Value:** 6.0 – 8.95

9.5 – **Allantoin** (microgram/ 1g LSS / BCL): minimum 900 method CC, CCF, UV

9.6 – **Glycolic acid** (microgram/ 1g) : minimum 1500 method CCF, CC.

9.7 – **Humidity (%) :** maximum 9,14% maximum method PNT 02 MET-brm.

9.8 – **Protein from N* (%) :** 33-49 method PNT 04 MET-brm.

9.9 – **Solubility in water:** complete

9.10 - **Microbiological control (total germs):** not found (not determined)

9.11 - **Microbiological control (pathogens):** not found (not determined)

9.12 - **Organoleptic characters :** Conform

9.13 - **Infra-red spectrup:** Conform

*N (%) : Total nitrogen, protein and non-protein.

10 STABILITY AND REACTIVITY

10.1 – **Stability:** Powder

10.2 – **Conditions to avoid:** Excessive heat and extreme light.

10.3 – **Materials to avoid:** None

11 TOXICOLOGICAL INFORMATION

11.1 – **Local effects:**

Eyes: None

Skin: None

Inhalation: None

12 ECOLOGICAL INFORMATION

12.1 – **Mobility:** Powder, it can settle to rest.

12.2 – **Persistence / degradability:** Biodegradable

12.3 – **Impact on the environment:** Biodegradable

13 DISPOSAL CONSIDERATIONS

Residues possible: None

14 TRANSPORTATION INFORMATION

To carry away from light in a dry place at 25°C +/- 20°C

15 REGULATORY INFORMATION

15.1 – **Markings:**

Freeze-dried Snail slime Helix aspersa "Mucus pro" class, Powder /
Snail Helix aspersa from Ferme "Bulova Ltd", Poland

16 Photo of the product in the package



1-5 g



5-1000 g



product appearance