



## **MATERIAL SAFETY DATA SHEET (MSDS-2022)**

### **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](http://www.mucus.pro)
- Brand : Mucus pro
- INCI name: Snail secretion filtrate

1.2 **Supplier:**

Mucus pro franchisees:

Ferme "RAVLYK– 2016"

38840, Poltavaska obl., District de Chutivsky, p. La guerre, Ukraine 

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

12.4 – There is no waste and disposal of the snail, the "**Cruelty free**" mode is used in the production, no harm to the health of animals is caused.

## 13 DISPOSAL CONSIDERATIONS

Residues possible: None

## 14 TRANSPORTATION INFORMATION

Transport by all means of transport in the original packaging at a temperature of +30°C/-40°C. Protect from direct sunlight.

## 15 REGULATORY INFORMATION

15.1 – **Markings:**

• Freeze-dried Snail slime *Helix aspersa* "Mucus pro" class, Powder / Snail *Helix aspersa* from Ferme "RAVLYK– 2016", Ukraine

## 16 Photo of the product in the package



1-5 g



5-1000 g



product appearance