

Safety Data Sheet

"According to Regulation 44/2000. (XII.27.) of the Ministry of Health"

HUNGAVIT product line

1. Identification of the Product and the Manufacturer

1.1. Commercial names of the products:

Hungavit U (Universal)

Hungavit B

Hungavit D

Hungavit P

1.2. Type of product: Plant conditioner

1.3. Identification number:

Basic registration number: 02.5/690/2/2008 MgSzH Central

Modified decision number: 04.2/3243-4/2015 NÉBIH

1.4. Product application:

Hungavit U (Universal)

For foliar treatment of all arable and horticultural crops

Hungavit B

For foliar treatment of sugar beet and root vegetable crops

Hungavit D

For irrigation and foliar treatment of ornamental plants

Hungavit P

For foliar treatment of potato and vegetable crops

1.5. Name and address of the manufacturer:

Biolife Plus Ltd. – Manufacturer and Developer of Agro-bioproducts

1055 Budapest, Balassi Bálint u. 21-23, mezzanine 2/B

1.6. Emergency information:

Phone: +36 30 350 2425

+36 30 708 8399

2. Ingredients:

Extract of worm humus prepared with 0.6% alkaline pyrophosphate, and various blends of macro-, meso-, and microelements.

3. Hazard Identification

Hazard symbol: Not required to be labelled

Occupational health waiting period: 0 days

Safety phrases for safe use of the product:

S ½ Keep out of reach of children.

Safety Data Sheet

"According to Regulation 44/2000. (XII.27.) of the Ministry of Health"

HUNGAVIT product line

S 13 Keep away from food, drink, and animal feed.

S 36/37/39 Wear suitable protective clothing, gloves, and eye/face protection.

4. First Aid Measures

General: No special measures required.

Skin contact: Wash thoroughly with water and soap, then rinse.

Eye contact: Rinse eyes with plenty of water while keeping eyelids open. Seek medical attention if irritation persists.

Ingestion: Rinse mouth thoroughly with water.

5. Fire Hazard

The product is non-flammable and classified under fire hazard class "E".

6. Accidental Release Measures

Personal precautions: Wear personal protective equipment as prescribed in section 8.

Environmental precautions: Prevent the product from entering the sewage system or water bodies.

Spilled material should be collected mechanically; the contaminated surface should be washed with water.

7. Handling and Storage

Storage facilities should be dry and frost-free. In original, closed packaging, the product can be stored for 2 years in a dry, cool, covered area. For residential storage, keep out of reach of children.

8. Conditions for Safe Work

During use, comply with applicable occupational health regulations. Avoid contact with eyes, mouth, or broken skin. Frequent hand washing is required during work; after work, thorough washing, showering, and clothing change is necessary. In case of infection, allergic reaction, or suspicion thereof, work must be stopped immediately and medical care must be sought after first aid.

Protective equipment: Protective gloves.

Eating and smoking during work is prohibited.

9. Physical and Chemical Properties

Hungavit Universal

Parameter	Value	Permitted deviation
pH	7.2	± 0.5
Density (kg/dm ³)	1.01	± 0.1

Safety Data Sheet

"According to Regulation 44/2000. (XII.27.) of the Ministry of Health"

HUNGAVIT product line

Parameter	Value	Permitted deviation
Dry matter content (w/v%)	min. 1.4	
N content (w/v%)	min. 0.19	
P ₂ O ₅ content (w/v%)	min. 0.16	
K ₂ O content (w/v%)	min. 0.08	

Hungavit B

Parameter	Value	Permitted deviation
pH	6.6	± 0.5
Density (kg/dm ³)	1.1	± 0.1
Dry matter content (w/v%)	min. 4.5	
N content (w/v%)	min. 0.19	
P ₂ O ₅ content (w/v%)	min. 0.16	
K ₂ O content (w/v%)	min. 0.015	
Mg content (w/v%)	min. 0.2	
B content (w/v%)	min. 0.4	

Hungavit D

Parameter	Value	Permitted deviation
pH	7.2	± 0.5
Density (kg/dm ³)	1.02	± 0.1
Dry matter content (w/v%)	min. 1.5	
N content (w/v%)	min. 0.19	
P ₂ O ₅ content (w/v%)	min. 0.16	
K ₂ O content (w/v%)	min. 0.08	
Mg content (w/v%)	min. 0.05	

Hungavit P

Parameter	Value	Permitted deviation
pH	8.0	± 0.5
Density (kg/dm ³)	1.01	± 0.1
Dry matter content (w/v%)	min. 1.6	
N content (w/v%)	min. 0.19	
P ₂ O ₅ content (w/v%)	min. 0.16	
K ₂ O content (w/v%)	min. 0.15	

Safety Data Sheet

"According to Regulation 44/2000. (XII.27.) of the Ministry of Health"

HUNGAVIT product line

Common Quality Characteristics for All Product Variants:

Appearance: translucent, yellowish-brown liquid with an earthy smell

Toxic Elements

Element Value (mg/l) Max Limit

As	max. 10.0
Cd	max. 2.0
Co	max. 50.0
Cr	max. 100.0
Cu	max. 100.0
Hg	max. 1.0
Ni	max. 50.0
Pb	max. 100.0
Se	max. 5.0

10. Stability and Reactivity

Stability: Not applicable.

No hazardous reactions are known for the product.

11. Toxicological Data

Natural substance; no toxicological data available.

12. Ecotoxicity

Not ecotoxic, but may harm aquatic life if released in large quantities into natural water bodies.

13. Waste Disposal

Do not dispose of the product, its unused residue, or its contaminated packaging in rivers, lakes, streams, or reservoirs. Polyethylene bags may be disposed of according to PE packaging regulations.

14. Transport Regulations

The product is not classified as hazardous for transportation.

15. Regulatory Information

Act XXV of 2000 on Chemical Safety

Joint Decree 25/2000. (IX.30.) EüM-SzCsM on the chemical safety of workplaces

Safety Data Sheet

"According to Regulation 44/2000. (XII.27.) of the Ministry of Health"

HUNGAVIT product line

Decree 44/2000. (XII.27.) EüM on detailed rules for handling hazardous substances and preparations

16. Other Information

The information provided in this document is accurate to the best of our knowledge, but we cannot guarantee the validity of our recommendations as the conditions of use are beyond our control. If any errors are discovered despite our best efforts, we kindly ask to be informed immediately.

Prepared by: *Biolife Plus Ltd.*

Release date: June 30, 2024

Dr. Karim Farhad

Managing Director