

# SECURITY DATASHEET

## **1. Name of product:**

1. „BIOPLASMA” PLANTGROWTH STIMULATOR, PLANTNOURISHING „ALGAE COMPOST”

## **Name of the manufacturing company:**

- ◆ **VARIPLAST HUNGARY LTD.**  
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## **Name of distributor:**

- ◆ See manufacturer

## **Information:**

- ◆ See manufacturer/distributor

## **2. Ingredients:**

- ◆ See on package label

## **3. Work and Environmental Health Details**

### **Product hazard:**

- ◆ Not poisonous to humans, animals or environment, from public health perspective it is not hazardous.

### **Special instructions in regards to dangers to human and environment**

- ◆ Do not place the product or any remainders of it or any wrapping of it into a river, still water, current or reservoir.
- ◆ In nature reserves, national parks and landscape protection areas usage may only take place with permission of the competent Nature Reserve Directorate.

### **Poison notification:**

- ◆ Not bound for notification

## **Hazard**

- ◆ From public health perspective it is practically not hazardous.

## **Labour hygiene waiting time:**

- ◆ 0. days

## **4. Applying first aid:**

### **General advice:**

- ◆ None.

### **In case of connection with skin:**

- ◆ Not dangerous. After using the product wash hands with water and soap.

### **If inhaled:**

- ◆ Not dangerous. If after using the product there are any accidental complaints turn to a doctor.

### **If goes into the eye:**

- ◆ Not dangerous. If the product goes into someone's eye rinse it with running water. In case of continuous complaint turn to your doctor.

### **If swallowed:**

- ◆ Not dangerous. In case of continuous complaint turn to your doctor.

### **Therapy:**

- ◆ Specific symptoms due to application are not known. A therapy with symptom observation is recommended.

## **5. Inflammability:**

- ◆ Not inflammable, not ignitable, not burnable, "E" inflammability.

## **6. In case of accident:**

### **Precautions in regards to people:**

- ◆ During work the general rules of work clothes, eye-protector glasses and cleanliness should be observed. In case of continuous complaint due to product usage turn to your doctor.

### **Precautions in regards to the environment:**

- ◆ Do not place the product or any remainders of it or any wrapping of it into a river, still water, current or reservoir. Must not be used in nature reserves, national parks and landscape protection areas unless permission is granted by the competent Nature Reserve Directorate.

## **7. Handling, storing, lasting:**

### **Instructions for safe handling:**

- ◆ S 1/2 To be kept locked up in a place out of children's reach.

### **Instructions against dangers of fire and explosion:**

- ◆ None - „E” category in flammability danger

### **Storing:**

- ◆ In original package in a covered, dry, cool place

### **Instruction for storing with other items:**

- ◆ S 13 Should be kept in a distance from food, drink and animal fodder.

### **Other storing conditions:**

- ◆ None.

### **Lasts until:**

- ◆ In a dry, covered place below 15°C it can be used for 6 months if in closed container, and one year if in open container.

## **8. Conditions of danger free work:**

### **End values that need to be measured at the work place:**

- ◆ None.

### **Personal equipment:**

- ◆ S 36/37 Protective garment, eye-protector glasses and protective gloves are compulsory. In case of usage of small amount protective gloves are recommended.

### **General protective and hygiene instructions:**

- ◆ Wash hands after use of product

### **Protection against inhaling:**

- ◆ Not necessary.

### **Hand protection:**

- ◆ Must use protective gloves.

**Eye protection:**

- ◆ Eye-protector is recommended.

**9. Quality parameters:**

**Physical and chemical qualities:**

**Physical condition:**

- ◆ Liquid.

**Color:**

- ◆ Light green

**Smell:**

- ◆ Pleasant, peculiar smell.

**pH:**

- ◆ In 10 % water suspension 6,1 - 7,5

**Dry matter content Im/m % I**

- ◆ At least 1,2%

**Density: kg/dm<sup>3</sup>**

- ◆ 1,0+0,2

**Freezing point °C**

- ◆ 0,9°C

**Total rudimentary plant count Id bIm II**

- ◆  $2-3 \times 10^7$

**Toxic element content:**

- ◆ Below limit.

**Condition changes:**

**Melting point:**

- ◆ Not relevant.

**Boiling point:**

- ◆ Not relevant.

**Flash point:**

- ◆ Not flammable.

**Igniting point:**

- ◆ Not ignitable.

**Self ignition:**

- ◆ Not self igniting.

**Oxidizing quality:**

- ◆ Not relevant.

**Explosion hazard:**

- ◆ Not explosive.

**Vapor pressure:**

- ◆ Not relevant.

**Solubility:**

- ◆ Can be diluted with water.

**10. Stability and reaction ability:**

- ◆ If stored permanently above 15°C the quality of the product deteriorates. In case of high temperature storage the organic matter (algae) in the product may starts to decay. The product will smell unpleasant.

**Dangerous reactions:**

- ◆ None.

**Dangerous decomposition:**

- ◆ None.

**11. Virulence :**

- ◆ Soil sanitation category: pure.

**Toxicity:**

- ◆ None.

**Waste management, disposal:**

- ◆ The left over product may be mixed in with compost, in small quantity it may be treated as communal waste.

**Packaging material:**

- ◆ May be treated as communal waste, or the packaging material may be recycled. Does not need special cleansing.

**Cleansing, disposal:**

- ◆ Can be washed and cleaned with traditional cleaning methods. The left over product may be mixed in with compost

**14. Instructions on shipping:**

- ◆ Standards for shipping dangerous goods: exact specification according to respective rules UN number and classification /if applicable/.

**Land transport:**

- ◆ No restrictions.

**Shipping:**

- ◆ No restrictions

**Air transport:**

- ◆ No restrictions

**15. Regulation instructions:**

- ◆ None.

**16. Other:**

The data is based on present knowledge from tests by the Plant Protection and Soil Conservation Directorate of the Agricultural Office of County Baranya, József Fodor from the OKK-OKI Soil Sanitation Department, the Budapest Corvinus University's National Collection of Agricultural and Industrial Microorganisms and the Agricultural Office of County Fejér Plant Protection and Soil Conservation Directorate and ten years of usage of the product.

**17. Contact person:**

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