

BIOHORTI S.L.  
**SAFETY DATA  
SHEET**

**Bio PK**

According to REG. (CE) 1907/2006

**1. Identification of the preparation:**

Product name: Bio PK

Law name: ORGANIC LIQUID FERTILIZER

CAS number: -

EC number: -

**Use of preparation:** fertilizer for agriculture

**Company identification:** Biohorti S.L. – C/de la Remallaire 4– 08302 Mataró –  
España – tel. +34 936 385 174 – mail:info@biotabs.nl

**e-mail address of person responsible for SDS:** info@biotabs.nl

**Emergency telephone number:** Contact the nearest Poison Centre.

**2. Identification of hazards:**

Within the current knowledge of the supplier and in the concentrations recommended by Company, the product is not hazardous to human health or to the environment.

For more information about product effects on human health read section 11.

**3. Composition / Information about ingredients:**

Bio PK is a liquid plant feed. It is custom blended using Soil Association approved ingredients, and is available in a varying P:K ratio for application to organic crops of both horticulture and agriculture + Micronutrients and contains: nitrogen, potassium, phosphor and vitamins.

Within the current knowledge of the supplier, other ingredients dangerous to human health or environment are not present.

**4. First-aid measures:**

**Inhalation:** don't breath the product. If inhaled, remove to fresh air. In the case of respiratory problems, ask medical personnel.

**Ingestion:** For small amounts, drink plenty of water. More than a mouthful should be purged by vomiting, but only if victim is conscious. Get medical help.

**Skin contact:** Brief contact is not hazardous, repeated or prolonged contact could dry out the skin, apply a skin lotion.

**Eye contact:** May irritate on contact : wash out quickly

## 5.Fire fighting measures:

**Extinguishing media:** non-combustible product. In case of fire, use water in great quantities.

**Hazardous thermal decomposition products:** Intense heat could dry product out, causing dried material

**Incompatibility:** Avoid contact with strong oxidizing agents

**Protective equipment:** fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus.

## 6.Measures for accidental release:

**Environmental precautions:** avoid contamination of river and sewerage. Inform Authority in case of river contamination. Avoid product dispersion by rain or wind.

**Precautions for personnel:** if necessary, use appropriate protective equipment. Avoid contamination with released material. Don't breath the dust. Send out personnel not necessary to the clean up.

**Clean up methods:** scoop up the material released by absorbent material and put it into an appropriate labelled waste container. If possible, use as fertilizer in the farming.

## 7.Handling and storage:

**Handling:** avoid wind dispersal. Avoid all possible sources of ignition (ex. flame). Avoid contamination by others materials (metals, organic materials, etc.). Use appropriate protective equipment during the handling. Use good housekeeping practices. Keep from splashing/spilling.

**Storage:** Avoid containers and piping made of aluminum, copper alloys and/or galvanized metal.

Avoid storage above 120 F or below 32 F.

## 8.Personal protection and exposure controls:

**Occupational exposure limits (ACGIH 2003):** -

**Technical precautionary actions:** avoid dust formation and favor a good ventilation, where necessary.

### CONTROLS OF EXPOSURE

**Respiratory protection:** if necessary, use a properly fitted, air-purifying or air-fed respirator complying with an approved standard.

**Eyes protection:** in case of high concentration of product in the air, use dust goggles

**Skin protection:** to avoid the contact between the product and the skin, use personal protective equipment for hands and body.

**Hands protection :** if necessary, use chemical-resistant gloves (approved standard).

## 9. Chemical and physical properties:

### APPEARANCE

**Physical state:** ..... liquid

**Color:** ..... Chocolate Brown

**Odor:** ..... Sweet Sugar Smell

### IMPORTANT DATA TO SAFETY

**pH (1 : 5):** ..... 7,3

**Specific weight:** ..... 1.42 kg/L

**Explosive properties:** ..... No

**Solubility:** ..... soluble in water

## 10. Stability and reactivity:

**Stability:** the product is stable as a liquid.

**Hazardous decomposition products:** Intense heat could dry product out, causing dried material

**Materials to avoid:** aluminum, copper alloys and/or galvanized metal

**Conditions to avoid:** None

## 11. Toxicological Information:

**Dangerous effects on human health:** within the current knowledge of the supplier and in the concentrations recommended by the Company, the product is not hazardous to human health or environment. If large quantities of this fertilizer are eaten, heavy disease could appear: vomit, diarrhea, stomachache, etc....

At the moment, are not known significant effects about: carcinogenicity, mutagenicity, teratogenicity, negative fertility effects, or other dangerous effects on human health.

## 12. Ecological information:

The product is not dangerous to the environment if used as recommended by the supplier. The product is soluble in water.

Biodegradability: YES

Bioaccumulation: NO

## 13. Disposal considerations:

Within the present knowledge of the Company, the product is not considered as hazardous waste. Dispose the product and his packaging according with all applicable local and national laws.

## 14. Informations about transport:

About transport, the product is not classified as hazardous material according to UN Orange Book. International transport codes (ADR, RID, IMDG, ADN) are not necessary.

## **15.Regulatory information:**

The product is not classified according to EU legislation. Risk phrases: NO  
Safety data sheet according to REG. CE 1907/2006.  
European Law on fertilizers: REG. CE 2003/2003.

## **16.Other Information:**

Note: -

Safety data sheet by: Biohorti S.L. – C/de la Remallaire 4– 08302 Mataró – Espana

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## **IMPORTANT NOTICE:**

The data and information contained in this safety data sheet are based on our knowledge at the date of issue. The information of this SDS concern only aspects about use, handling and storage of the product. The supplier does not assume any liability whatsoever for the accuracy or completeness of the information contained in this sheet. Final determination and use of suitability of product is completely responsibility of the user. All chemical products may present unknown hazards and must be used with caution. The supplier does not guarantee that the hazards described in this safety data sheet are the only hazards that exist for this product. The supplier does not guarantee that this SDS contains all possible safety measures; in particular conditions, in fact, it may be necessary to add some measures.