

BIOHORTI S.L.

# SAFETY DATA SHEET

## Silicium Flash

According to REG. (CE) 1907/2006

### 1. Identification of the preparation:

Product name: Silicium Flash  
Law name: Dried worm castings  
CAS number: -  
EC number: -

**Use of preparation:** fertilizer for agriculture

**Company identification:** Biohorti S.L. – C/de la Remallaire 4– 08302 Mataró – Espana – 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:

Non Toxic, no hazards known

### 3. Composition / Information about ingredients:

The product is a microgranulate and consists of dried vegetal raw materials in the form of insect manure.

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:** Seek medical advice if the person is not feeling well.

**Skin contact:** After handling, always wash hands using water and soap. In case of irritation, ask medical personnel and remove contaminated clothing.

**Eye contact:** in case of contact with eyes, wash immediately with plenty of water. In case of irritation or other problems, ask medical personnel.

## 5.Fire fighting measures:

**Extinguishing media:** non-combustible product. In case of fire, use water, carbon dioxide, dry powder.

**Hazardous thermal decomposition products:** Carbon monoxide, oxidized Nitrogen

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

## 6.Measures for accidental release:

**Environmental precautions:** No special measures obliged

**Precautions for personnel** No special measures obliged

**Clean up methods:** Use a shovel and other adequate means to collect the product and store it in a container.

## 7.Handling and storage:

**Handling:** Use appropriate protective equipment during the handling, use in a well ventilated area.

**Storage:** Store at room temperature, no special measures obliged

## 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 dust mask

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

**Skin protection:** not needed

**Hands protection :** wash hands after work

## 9.Chemical and physical properties:

### APPEARANCE

**Physical state:** .....microgranulate

**Color:** ..... Dark Brown - Grey

**Odor:** ..... organic - insect

### IMPORTANT DATA TO SAFETY

**pH (1 : 5):** ..... 6,75-7,2

**Specific weight:** ..... 650 kg/m<sup>3</sup>

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

**Solubility:** ..... essentially insoluble

## **10.Stability and reactivity:**

**Stability:** the product is stable

**Hazardous decomposition products:** Burning may release noxious fumes and gases such as carbon monoxide

**Materials to avoid:** none

**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. The product is insoluble 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.