



FARMA - CHEM SA

Printing date 30.05.2015

# Safety Data Sheet

complying with Regulation 1907/2006/EC (REACH)  
Regulation, 453/2010/EC and Regulation No 1272/2008/EC  
(CLP)

Version number 1

Page 1/8

Revision: 30.05.2015

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** BLACK EARTH FULVIC  
Humified organic matter
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
FARMA-CHEM SA  
Industrial Area of Sindos 570 22  
Thessaloniki - Greece  
PO BOX 1026  
TEL. 0030 2310 569630 -33,  
FAX: 0030 2310 797047



- **1.4 Emergency telephone number:**  
Emergency telephone number: +30 210 7793777

## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation EC No 1272/2008 CLP**  
Not dangerous according to Regulation EC No 1272/2008 CLP
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**  
Not dangerous according to Directive 1999/45/EC
- **2.2 Label elements**
- **Labelling according to Regulation EC No 1272/2008 CLP**  
Not dangerous according to Regulation EC No 1272/2008 CLP
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** The product is a naturally occurring complex mixture that can contain crystalline silica.



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**Safety Data Sheet**  
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Regulation, 453/2010/EC and Regulation No 1272/2008/EC  
(CLP)

Version number 1

Page 2/8

Revision: 30.05.2015

**Trade name: BLACK EARTH FULVIC**

**SECTION 4: First aid measures**

· **4.1 Description of first aid measures**

· General information: No specific antidote. Follow symptomatic treatment.

**After inhalation:**

Move the patient to fresh air and keep him calm. If there is difficulty in breath, seek medical advice.

· **After skin contact:** Remove all the contaminated clothes. Wash immediately with plenty of water and soap. Seek medical advice.

· **After eye contact:** Wash immediately with plenty water for at least 15 minutes, keeping the eyelids apart. Seek medical advice.

· **After swallowing:**

Administer lukewarm saline water to induce vomiting. Do not induce vomiting or give anything by mouth to an unconscious person. Seek medical advice.

· **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available

**SECTION 5: Firefighting measures**

· **5.1 Extinguishing media**

· **Suitable extinguishing agents:**

Use appropriate media for underlying cause of fire. Foam, carbon dioxide, dry powder.

· **5.2 Special hazards arising from the substance or mixture**

The product is not flammable

· **5.3 Advice for firefighters**

· **Protective equipment:**

Wear self-contained breathing apparatus and full protective clothing

· **Additional information**

No further relevant information available.



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#### SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin and eyes. Use suitable personal protective clothing.

· **6.2 Environmental precautions:**

Avoid contamination of soil, surface water and groundwater.

· **6.3 Methods and material for containment and cleaning up:**

Stop and contain spill. Use absorbent material, e.g. earth, sand, sawdust to absorb spillage. Collect contaminated material and place in container for later disposal (refer to §13).

Clean contaminated area thoroughly with water. Collect rinsate with absorbent material for later disposal (refer to §13).

· **6.4 Reference to other sections**

See Section 13 for disposal information.

#### SECTION 7: Handling and storage

· **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.

· **Information about fire - and explosion protection:** No special measures required.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** Not required

· **Information about storage in one common storage facility:** Keep in original containers, tightly closed, in a well-ventilated area. Keep at temperatures between 0 and 30°C. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

· **Further information about storage conditions:** None.

· **7.3 Specific end use(s)** No further relevant information available.



Page 4/8

**Safety Data Sheet**  
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**SECTION 8: Exposure controls/personal protection**

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

After handling, wash PPE separately from other laundry.

· **Respiratory protection:**

Not necessary if room is well-ventilated.



Use suitable respiratory protective device in case of insufficient ventilation.

· **Protection of hands:**



Protective gloves

· **Material of gloves** Rubber gloves

· **Penetration time of glove material**

The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

· **Eye protection:**



Safety glasses

· **Body protection:**



Protective work clothing

Not required under normal conditions of use



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**Trade name: BLACK EARTH FULVIC****SECTION 9: Physical and chemical properties**

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
  - **Form:** Liquid
  - **Colour:** Blackish/brown
  - **Odour:** Characteristic
- **Odour threshold:** Not determined
- **pH value at 20 °C:** 7.0
- **Melting point/Melting range:** Not determined
- **Boiling point/Boiling range:** >100 °C
- **Setting temperature / range:** Not determined
- **Flash point:** Not applicable
- **Flammability (solid, gaseous):** Not applicable
- **Auto-ignition temperature:** Not determined
- **Decomposition temperature:** Not determined
- **Self-igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
  - **Lower:** Not determined
  - **Upper:** Not determined
- **Vapour pressure:** Not determined
- **Density at 20 °C:** 1.06 g/cm<sup>3</sup>
- **Relative density** Not determined
- **Vapour density** Not determined
- **Evaporation rate** Not determined
- **Solubility in / Miscibility with water:** Soluble
- **Partition coefficient (n-octanol/water):** Not determined
- **Viscosity:**
  - **Dynamic:** Not determined
  - **Kinematic:** Not determined
- **9.2 Other information** No further relevant information available.



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**Trade name: BLACK EARTH FULVIC****SECTION 10: Stability and reactivity**

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** Stable under normal temperature.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Avoid high temperatures and humidity
- **10.5 Incompatible materials:**  
Strong acids, bases.
- **10.6 Hazardous decomposition products:** No further relevant information available.

**SECTION 11: Toxicological information**

- **11.1 Information on toxicological effects**
- **Acute toxicity:** No further relevant information available
- **Primary irritant effect:**
  - **on the skin:** No further relevant information available.
  - **on the eye:** No further relevant information available.
- **Sensitisation:** No further relevant information available.

**SECTION 12: Ecological information**

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **General notes:**  
This material is nontoxic to the ecology.
- 
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.



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### SECTION 13: Disposal considerations

#### · 13.1 Waste treatment methods

##### · Recommendation



Dispose according to National Regulations.



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

##### · Uncleaned packaging:

##### · Recommendation:

Do not reuse empty packing materials. Destroy them, after rinsing them three times with water. Afterwards send them for recycling or power rebound. The liquid of the rinse is added to the spray mixture or should be collecting for disposal (elimination) according to the instruction for unused material.

### SECTION 14: Transport information

#### · 14.1 UN-Number

Not subject to transport regulations (ADR, IMDG, RID, ICAO / IATA).





Page 8/8

**Safety Data Sheet**  
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**SECTION 15: Regulatory information**

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

REACH Regulation 1907/2006/EC

Regulation 453/2010/EC

CLP Regulation 1272/2008/EC

· **National regulations:**

· **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**

It doesn't contain substances of very high concern (SVHC).

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16: OTHER INFORMATION**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.