



# **SAFETY DATA SHEET**

## **ORGANIC POWDER SOLID FERTILIZER**

According to Regulation (EU) No 2015/830

### **SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

- 1.1. Product identifier**  
Product name                    **ORGANIC POWDER SOLID FERTILIZER**
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Identified uses                Solid fertilizer for plants and soil.
- 1.3. Details of the supplier of the safety data sheet**  
**Manufacturer Center: Biofera Enerji Sanayi Ve Tic. A.Ş.**  
Mahmutlu Mahallesi Merkez Sokak 139/1  
Kavak/Samsun  
[www.bioferaenerji.com.tr](http://www.bioferaenerji.com.tr)
- 1.4. Emergency telephone number**  
Biofera Enerji Telephone: +90 533 611 19 77

### **SECTION 2: HAZARDS IDENTIFICATION**

#### **2.1. Classification of the substance or mixture**

**Classification (EC 1272/2008)**

Physical and Chemical Hazards	Not classified.
Human health	Not classified.
Environment	Not classified.

#### **2.2. Label elements**

**Label In Accordance With (EC) No. 1272/2008**  
Not Classified. No pictogram is required.

**Hazard Statements**  
Not classified.

**Precautionary Statements**  
Not classified.

#### **2.3. Other hazards**

This product does not contain any substances classified as PBT or vPvB.

### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

#### **3.2. Mixtures**

This product does not contain any substance which may be considered hazardous to the health and environment, according to the current legislation (Regulation (EU) No 2015/830 and 1272/2008). Nor does it contain any substances with a recognised exposure limit.

**Composition Comments**

- The data shown are in accordance with the latest EC Directives.



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### **SECTION 4: FIRST AID MEASURES**

#### **4.1. Description of first aid measures**

##### **Inhalation**

Wash your nose and mouth with plenty of water. Remove to fresh air. Get medical attention if any discomfort continues.

##### **Ingestion**

Rinse mouth thoroughly with water. Get medical attention if any discomfort continues. If a large amount is swallowed, get medical attention if any discomfort continues.

##### **Skin contact**

Wash with soap and water. Get medical attention if any discomfort continues.

##### **Eye contact**

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse. Continue to rinse get medical attention.

#### **4.2. Most important symptoms and effects, both acute and delayed**

No data available.

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

Treat Symptomatically.

### **SECTION 5: FIREFIGHTING MEASURES**

#### **5.1. Extinguishing media**

##### **Extinguishing media**

Use fire extinguishers suitable for other surrounding materials.

**Unsuitable fire extinguishers:** No data available.

#### **5.2. Special hazards arising from the substance or mixture**

##### **Specific hazards**

In case of fire, toxic gases may be formed. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

#### **5.3 Special Fire Fighting Procedures**

Avoid breathing fire vapours. Clear fire area of all non-emergency personnel.

Move container from fire area if it can be done without risk. Prevent fire-fighting water from running into sewers and watercourses.

Dike and collect extinguishing water.

##### **Protective equipment for fire-fighters**

Use respiratory protective equipment and full protective clothing in case of fire.

Face mask, protective gloves and safety helmet.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective clothing as described in Section 8 of this safety data sheet.

Do not allow dust generation, do not breathe dust.

#### **6.2. Environmental precautions**

Avoid spilling into drains or watercourses. Notify the authorities in large spills.

#### **6.3. Methods and material for containment and cleaning up**

Collect spills when dry, sweep up and store in suitable containers. Wash hands thoroughly after handling. Dispose of in accordance with regulations.



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### **6.4. Reference to other sections**

For personal protection, see section 8. See section 11 for additional information on health hazards.

For waste disposal, see section 13.

## **SECTION 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

Do not eat, drink or smoke during use. Avoid dust formation. In case of dust formation use suitable mask. Avoid direct sunlight. Wash hands and exposed skin with a mild soap. Remove contaminated clothing and shoes.

### **7.2. Conditions for safe storage, including any incompatibilities**

Store in a dry, cool place in tightly closed original packaging. Protect from moisture. Keep away from food, drinks and animal feed. Protect yourself from direct sunlight. Store away from heat and sources of ignition.

### **7.3. Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Control parameters**

Contains no ingredients with workplace exposure limits.

### **8.2. Exposure controls**

#### **Protective equipment**



#### **Engineering measures**

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapour/dust.

#### **Respiratory equipment**

If ventilation is not sufficient, provide suitable respiratory protection.

#### **Hand protection**

Use protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

#### **Eye protection**

Wear dust resistant safety goggles where there is danger of eye contact.

#### **Hygiene measures**

Wash hands after contact. Change work clothing daily before leaving work place. Wash contaminated clothing before reuse. When using do not eat, drink or smoke.

#### **Skin protection**

Wear apron or protective clothing in case of splashes.

#### **Environmental Exposure Controls**

Please act in accordance with local and national laws.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

### **9.1. Information on basic physical and chemical properties**

#### **Appearance**

Powder, solid



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<b>Colour</b>	Brown.
<b>Odour</b>	Soil odor or odorless.
<b>pH-Value</b>	7,8-9,8
<b>Melting Point</b>	No data available.
<b>Boiling point</b>	No data available.
<b>Flash point</b>	No data available.
<b>Flammability (solid, gas)</b>	No data available.
<b>Buhar basıncı</b>	No data available.
<b>Solubility</b>	Soluble in water.
<b>Evaporation rate</b>	No data available.
<b>Density</b>	No data available.
<b>Decomposition temperature</b>	No data available.
<b>Viscosity</b>	No data available.
<b>Oxidative properties</b>	Not oxidative.
<b>Explosive properties</b>	Not explosive.

### **9.2. Other information**

No information required.

## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1. Reactivity**

This product does not show any special reactive hazard.

### **10.2. Chemical stability**

Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.

### **10.3. Possibility of hazardous reactions**

Not polymerization occurs.

### **10.4. Conditions to avoid**

No data available.

### **10.5. Incompatible materials**

No data available.

### **10.6. Hazardous decomposition products**

In the event of fire, harmful gases or vapors may be produced.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

#### **Acute toxicity**

Based on available data the classification criteria are not met.

#### **Skin corrosion/irritation**

Based on available data the classification criteria are not met.

#### **Serious eye damage/irritation**

Based on available data the classification criteria are not met. May causes slight eye irritation.



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### **Respiratory or skin sensitisation:**

Based on available data the classification criteria are not met.

### **Carcinogenicity**

Based on available data the classification criteria are not met.

### **STOT-single exposure**

Based on available data the classification criteria are not met.

### **STOT-repeated exposure**

Based on available data the classification criteria are not met.

### **Germ cell mutagenicity**

Based on available data the classification criteria are not met.

### **Reproductive Toxicity**

Based on available data the classification criteria are not met.

### **Aspiration hazard**

Based on available data the classification criteria are not met.

## **SECTION 12: ECOLOGICAL INFORMATION**

### **12.1. Toxicity**

Based on available data the classification criteria are not met.

### **12.2. Persistence and degradability**

Expected to be biodegradable..

### **12.3. Bioaccumulative potential**

No data available.

### **12.4. Mobility in soil**

Soluble in water.

### **12.5. Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances.

### **12.6. Other adverse effects**

It should not be released to the environment uncontrolled.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **13.1. Waste treatment methods**

Avoid access to water sources and channels.

The product packaging must be completely emptied and must be disposed of within the framework of legislation.

The Environmental Officer will be informed about all major rashes

## **SECTION 14: TRANSPORT INFORMATION**

**General** The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### **14.1. UN number**

Not available.

### **14.2. UN proper shipping name**

Not available.



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### **14.3. Transport hazard class(es)**

Not available.

### **14.4. Packing group**

Not available.

### **14.5. Environmental hazards**

**Environmentally Hazardous Substance/Marine Pollutant**  
No.

### **14.6. Special precautions for user**

Not available.

### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not available.

## **SECTION 15: REGULATORY INFORMATION**

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

#### **Statutory Instruments**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

#### **Approved Code Of Practice**

Classification and Labelling of Substances and Preparations Dangerous for Supply.  
Safety Data Sheets for Substances and Preparations.

#### **Guidance Notes**

Workplace Exposure Limits EH40.  
CHIP for everyone HSG(108).

#### **EU Legislation**

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures.  
Regulation (EC) No 1907/2006.

### **15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out

## **SECTION 16: OTHER INFORMATION**

### **Abbreviations and acronyms used in the safety data sheet**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.

IATA: International Air Transport Association.

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

CAS: Chemical Abstracts Service.

ATE: Acute Toxicity Estimate.

LC<sub>50</sub>: Lethal Concentration to 50 % of a test population.

LD<sub>50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).

EC<sub>50</sub>: 50% of maximal Effective Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.



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### **Revision Comments**

This is first issue.

### **Issued Note**

This SDS is prepared based on the information and documents received from product owner. CRAD or/and SDS author shall not be responsible for incorrect prepared of SDS and pecuniary loss or intangible damages because of deficient or wrong information and documents which comes from product owner

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