



# 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

#### 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

Human health Environment Not classified.

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.



Revision 1.0

# SAFETY DATA SHEET **ORGANIC POWDER SOLID FERTILIZER**

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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.

#### Indestion

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 (CO2).

# **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

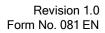
Wear protective clothing as described in Section 8 of this safety data sheet. Do not allow dust generation, do not breathe dust.

# 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**

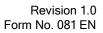
Please act in accordance with local and national laws.

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

# 9.1. Information on basic physical and chemical properties

Appearance

Powder, solid



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

Colubie 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.

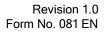
 $LC_{50}\!\!:$  Lethal Concentration to 50 % of a test population.

 $LD_{50}$ : Lethal Dose to 50% of a test population (Median Lethal Dose).

 $\text{EC}_{50}{:}$  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 preapared 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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