

## SAFETY DATA SHEET

### HERBALIZER

According to Regulation (EU) No 2015/830

#### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1. Product identifier

Product name : Herbalizer  
Product description : Liquid fertilize

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Fertilizer

##### 1.3. Details of the supplier of the safety data sheet

Supplier : EARTHCARE EURASIA TARIM TURİZM SAN. VE TİC. A.Ş.  
Güzeloba Mah. 2222 Sok. No:10/2  
Muratpaşa-ANTALYA/TURKEY

##### 1.4. Emergency telephone number

Tel: +90 0242 349 05 05

#### 2. HAZARDS IDENTIFICATION

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

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

None.

Signal Word : None  
Hazard Statements : Not classified.  
Precautionary Statements : Not classified.

##### 2.3. Other hazards

This product does not contain any PBT or vPvB substances.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS NO	EC NO	Content	Classification (EC 1272/2008)
Nitrogen	7727-37-9	231-783-9	%1,6	-----
Dipotassium oxide	12136-45-7	235-227-6	%1,03	Skin Corr.1A H314 Eye Dam.1H318
Phosphoruspentoxide	1314-56-3	215-236-1	%0,54	Skin Corr.1A H314
Carbon	7440-44-0	231-153-3	%17,6	---

\*The Full Text for all Hazard Statements are Displayed in Section 16.

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#### Composition Comments

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

#### 4. FIRST AID MEASURES

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

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

**Ingestion** : Rinse mouth thoroughly. Get medical attention. Contact physician if larger quantity has been consumed.

**Skin contact** : Wash the skin immediately with soap and water. Get medical attention if any discomfort continues

**Eye contact** : Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

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

Treat Symptomatically

#### 5. FIREFIGHTING MEASURES

##### 5.1. Extinguishing media

**Extinguishing media** : Water, carbon dioxide, foam, powder

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

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

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

##### 5.3. Advice for firefighters

###### Special Fire Fighting Procedures

Avoid breathing fire vapours. If possible, fight fire from protected position. Move container from fire area if it can be done without risk. Avoid contaminating sewers and waterways with fire fighting water. Dike to keep the water under control.

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

Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Face mask, protective gloves and safety helmet.

#### 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.

##### 6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

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

Large Spillages: Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. If there is no decomposition and dry use again. Ensure ventilated.  
Small Spillages: Remove small spills with vacuum cleaner. If there is no decomposition and dry use again. Ensure ventilated.

#### 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.

### 7. HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Protect against direct sunlight. Provide good ventilation. Avoid eyes and skin contact. Observe good chemical hygiene practices.

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

Store at moderate temperatures in dry, well ventilated.  
Protect from light, including direct sunrays.  
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

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

Name	STD	TWA-8 Hrs		STEL-15 Min.		Notes
Dipotassium oxide	WEL		2 mg/m <sup>3</sup>	-	-	-

WEL = Workplace Exposure Limit.

#### 8.2. Exposure controls

Protective equipment :



**Respiratory equipment:** If ventilation is insufficient, suitable respiratory protection must be provided. When used or stored in confined areas necessary protective equipment to protect themselves from ammonia gas

**Eye protection** : Wear dust resistant safety goggles where there is danger of eye contact.

**Skin protection** : Wear apron or protective clothing in case of splashes.

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**Hand protection** : Use protective gloves made of: Rubber, neoprene or PVC. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

**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.

**Environmental Exposure Controls** : Please act in accordance with local and national laws.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Appearance</b>	: Liquid
<b>Colour</b>	: No data available.
<b>Odour</b>	: No data available.
<b>pH-Value</b>	: 9,5 (20°C)
<b>Solubility</b>	: Soluble in water.
<b>Melting point</b>	: No data available.
<b>Boiling Point</b>	: No data available.
<b>Flash Point</b>	: No data available.
<b>Vapour pressure @ 20 ° C</b>	: No data available.
<b>Bulk density</b>	: No data available.
<b>Partition Coefficient (N-Octanol/Water)</b>	: No data available.
<b>Viscosity</b>	: No data available.

#### 10. STABILITY AND REACTIVITY

##### 10.1. Reactivity

No specific reactivity hazards associated with this product.

##### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use

Stable under the prescribed storage conditions

##### 10.3. Possibility of hazardous reactions

Unknown.

##### 10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

##### 10.5. Incompatible materials

Acids, bases, metals, oxidizing materials, metal oxides.

##### 10.6. Hazardous decomposition products

None under normal conditions.

#### 11. TOXICOLOGICAL INFORMATION

##### 11.1. Information on toxicological effects

**Acute toxicity** :

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Not available

**Serious eye damage/irritation**

Not available

**Skin corrosion/irritation**

Not available

**Respiratory or skin sensitisation**

Not available.

**Carcinogenicity**

Not available.

**STOT-single exposure**

Not available.

**STOT-repeated exposure**

No relevant information.

**Germ cell mutagenicity**

Not available.

**Reproductive Toxicity**

Not available.

#### 12. ECOLOGICAL INFORMATION

##### 12.1. Toxicity

The product is not classified as environmentally hazardous.

**Phosphorus pentoxide (Cas:1314-56-3)**

NOEC,72sa 12,5mg/l (Desmodesmus subspicatus)

##### 12.2. Persistence and degradability

No data available.

##### 12.3. Bioaccumulative potential

No data available.

##### 12.4. Mobility in soil

No data available.

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

This product does not contain any PBT or vPvB substances.

##### 12.6. Other adverse effects

Should not be released to the environment.

#### 13. DISPOSAL CONSIDERATIONS

##### 13.1. Waste treatment methods

Do not allow runoff to sewer, waterway or ground. Dispose of waste and residues in accordance with local authority requirements. Environmental manager must be informed of all major spillages.

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#### 14. TRANSPORT INFORMATION

**14.1. UN number**

Not classified.

**14.2. UN proper shipping name**

Not classified.

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

Not classified.

**14.4. Packing group**

Not classified.

**14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant: No.

**14.6. Special precautions for user**

Not classified.

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

Not applicable

#### 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, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments

#### 16. OTHER INFORMATION

**Revision Comments**

This is first issue.

**Issued By**

SEBAHAT ULUŞAN / ULUŞAN Danışmanlık Hizmetleri

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#### Issued Note

This SDS is prepared based on the information and documents received from product owner. ULUŞAN 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.

#### Hazard Statements in Full

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

#### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.