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SAFETY DATA SHEET
Compiled in Accordance with EU Regulation No.2015/830

LIQUID ORGANIC FERTILIZER FOR PLANTS"uTerra Biotic Fertilizer"

Section 1 : Product Identification, manufacturer information

1. Product Name

LIQUID ORGANIC COMPLEX FERTILIZER "uTerra Biotic Fertilizer".

2. Product Application

Liquid Organic complex fertilizer**"uTerra Biotic Fertilizer" (hereinafter referred as liquid fertilizer "uTerra Biotic Fertilizer")** is used for highly efficient environmentally safe cultivation of agricultural and flower crops along with medicinal plants, as well as creation, restoration and maintenance of soil fertility disturbed by natural process or human activities.

3. Manufacturers information

Manufacturer:
uTerra Middle East Agro Industries LLC Al Ghail-
Industrial Area-Ras Alkhaimah, United Arab Emirates
PO Box 54502 Phone: 07 208 0023
Email: Info@uterra.ae

4. Emergency contact information
In case of emergency call
Phone: 07 208 0023

Section 2: Hazard(s) Identification

1. Classification of Substance or Mixture

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Liquid fertilizer**"uTerra Biotic Fertilizer"** is a liquid product based on fossil materials with a balance content of compounds which stimulate the growth and development of plants, fruiting as well as improve decorative qualities and positively affect the taste and smell of plant products.

Liquid fertilizer**"uTerra Biotic Fertilizer"** is a low hazard substance **(harard class 4 according to Government Standard (GOST) 12.01.007, explosion and fire- proof.**

Classification of (EU rgeulation No.1272/2008)
GHS Classification: Not clasified as Hazardous Materials.

2.2 Label Elements

(EU rgeulation No.1272/2008)
Signal word: Not Required.

2.3 Other Hazards

Not Known.

Section 3: Composition/ Information of Ingredients

1. Substance

Not applicable

2. Mixtures

Brown coal, peat, crumbly biohumus, molasses, honey and other organic & inorganic substances approved for use in organic farming are used as raw materials for the manufacture of **liquid fertilizer " uTerra Biotic fertilizer".**

Composition:
The content of organic dry mater is **not less than 60%;**
Nitrogen content is **not less than 0.5g/L;**
Phosphorous contentas **P2O5 is not less than 0.5g/L;**
The content of **Potassium as K2O is not less than 0.5g/L;**
The content of **humic acids is not less 1.0g/L.**

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Secton 4: First Aid Measures

1. Description of First Aid Measures

General Recommendations:
There is no need of any special measures. In all doubtful cases consult a doctor.

If Inhaled:
Take the victim out in the fresh air

In contact with skin:
Off/ Removed all contaminated clothes. Wash the contaminated areas of the skin with mild soap and water, then rinse with water.

In contact with eyes:
Rinse your eyes carefully with water for few minutes. Remove contact lenses if you use them or if it is easy to do so. Continue rinsing the eyes. In case of eye irritation consult an optometrist.

If swallowed: Drink several glasses of water and induce vomiting. In all doubtful cases consult a doctor.

2. The most Acute Symptoms and Consequences:

Unknown.

3. Instructions for Medical care or Special Treatment

There is no information available.

1. Fire-Extinguishing Equipment

Liquid fertilizer**"uTerra Biotic Fertilizer"** is not a flammable substance, it is fire and explosion-proof.

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Recommended Fire Extinguishing Equipment:
Liquid fertilizer**"uTerra Biotic Fertilizer"** is not a flammable substance, therefore, extinguishing media and fire extinguishing method should be chosen based on local conditions at the fire site.

Unsuitable Extinguishing Media:
No Data Available.

5.2 Special Hazards Arising from the Substance or Mixture:

There is no Data Available.

5.3 Recommendations of Firefighters:L

Use conventional fire extinguishing method, not forgetting the danger that may come from other materials.

Additional Information:
No Data Available.

Section 6: Emergency Preventions and Response Measures:

1. Personal Precautions, Protective Equipment and Emergency Measures:

Notification for non- emergency personnel

Stay away from the fire zone. Keep to windward side. First aid should be provided to the injured. If necessary, send people from lesion for medical examination.

2. Environmental Protection Measures

The method of application of liquid fertilizer **"uTerra Biotic Fertilizer"** and its nontoxicity eliminates the danger and the need to control water and soil pollution. During transportation, the possibility of negative effects of liquid fertilizer **"uTerra Biotic Fertilizer"** on human health and environment should be excluded.

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3. Methods and Materials for Cleaning Up:

Rinse with Plenty of Water.

4. Link to Other Sections:

For emergency contact information, see section 1.4. See personal protective equipment , section 8. See possible restrictions on product use on section 7 and 10. See section 13 for disposal recommendations.

Other information:
None.

Section 7: Handling and Storage of Chemical Products:

1. Precautions to Ensure Safe Handling:

All work related to the use of liquid fertilizer**"uTerra Biotic Fertilizer"** should be carried out in rooms equipped with a supply and ventilation system or outdoors. Persons associated with the use of liquid fertilizer **"uTerra Biotic Fertilizer"** must be provide with personal protective equipment.

Measures to Prevent Fire, as well as Aerosols and Dust Formation:
No special measures are required. Liquid fertilizer**"uTerra Biotic Fertilizer"** is nonflammable liquid and is fire-explosion proof.

Hygienic measures:
Wash your hands before breaks and after working with liquid fertilizer**"uTerra Biotic Fertilizer".** Personal protective equipment can be found in section 8.

2. Conditions of safe storage
Liquid fertilizer**"uTerra Biotic Fertilizer"** is stored in a cool and shaded place. The warranty period of storage si 12 months from the date of manufacture.

3. Specific End Uses
No other options of using are provided except those described in section 1.2.

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Section 8: Exposure Controls and Personal Protective Equipment:

1. Control Parameters:
Liquid fertilizer**"uTerra Biotic Fertilizer"** does not contain substances that require control of maximum permissible concentrations in the work place.

2. Means of Controlling Dangerous Effects:
1. Suitable Control Technical Devices:
Not Required.

2. Personal Protective Equipment:
Personal protective equipment should be selected specifically for each work place, depending on the use of the amount of liquid fertilizer**"uTerra Biotic Fertilizer".**

Eye and Face Protection:
Under normal conditions of use is not required.

Skin Protections:
Aprons and boots.

Hand protection:
Rubber gloves for Dilution and Spraying.

Respiratory Protection:
Under normal conditions of use is not required.

Other Protective Measures:
Personal hygiene rules must be followed. Wash your hands with soap and water before leaving your workplace of work. Do not eat or smoke.

3. Environmental Impact Control:
No special measures required. See also section 6 and 12

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Section 9: Physical and Chemical Properties:

Indicator Name	Specification and Norm
1	2
Appearance	Liquid
Colour	From Dark Brown to Black
Odour	Typical of Organic Fertilizers
Odour Perception Threshold	No Information
Melting Point/Freezing	No Information
Boiling Point or Initial Boiling Point & Boiling Limit	101 °C - 102 °C
Flammability	Non-Flammable Liquid
Upper and Lower Explosive Limits/ Flammability Limit	Explosion- Proof
Flash Point	Not Applied
Self-Ignition Temperature	Not Applied
Decomposition Temperature	No Information
pH	6 to 9
Kinematic Viscosity	No Information
Solubility	Soluble in Water
Distribution Coefficient: n-octanol/water	No Information

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Steam Pressure	No Information
Density and/or Relative Density	1
Relative Vapor Density	No Information
Parameters of Solid Particles	Not Applied

Section 10: Stability and Reactivity:

1. Reactivity:
Liquid fertilizer**"uTerra Biotic Fertilizer"** has no reactivity if the conditions of storage and transportation are met.

2. Chemical Stability:
Stable under normal conditions.

3. Possibility of Dangerous Reactions
No Information Available.

4. Situations to Avoid:
No information.

5. Incompatible Materials:
No information.

6. Hazardous Decomposition Products:
No Information

Section 11: Information on Toxicity

Acute Toxicity:
Liquid fertilizer **"uTerra Biotic Fertilizer"** refers to low hazard substances.

Skin Corrosion/Irritation
Not classified.

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Serious Eye Damage/Irritation
Not classified.

Respiratory or Skin Sensitization:
Specific data is not available.

Summary of the CMR Properties Assessment:
Not classified as a germ cell mutagen, carcinogen or reproductive toxin.

Specific Selective Toxicity Affecting individual target Organs upon repeated Exposure:
Not classifed as specific organ toxicant(repeated exposure).

Aspiration Risk
Not classified.

Possible ways of Exposure:
Specific data is not available.

Symptoms related to Physical, Chemical, and Toxicological Characteristics When swallowed:
Specific data is not available.

In case of Contact with Eyes:
No Specific Data is Available.

When Inhaled:
Specific Data is not Available.

In Case of Skin Contact:
Specific Data is not Available.

Other Informaton:
No information.

Section 12: Environmental impact information

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1. Toxicity
The method of application of liquid fertilizer **“uTerra Biotic Fertilizer”** and its nontoxicity eliminates the danger and the need to control water and soil pollution. During transporation, the possibility of negative effects of liquid fertilizer **“uTerra”** on human health and environment should be excluded.

2. Persistence and Degradability:
No information.

3. Bio Accumulative Potential:
No Information.

4. Mobility in the Soil :
No Information.

5. Results of the RVT and vPvB Assessment:
RVT and vPvB are not evaluated.

6. Other Side Effects:
No Information.

Section 13: Disposal Recommendations:

1. Waste Treatment Methods:
The waste is not dangerous. Waste should be disposed in accordance with EU Waste Directive 2008/98/EC, as well as other national and local regulations.

Contaminated Packaging:
The disposal of used packaging must be carried out in accordance with laws and regulations applicable in the region, country, or administrative unit. After processing, steel barrels and cubes made of polymer can be reused.

Section 14: Information on Transportation

Liquid fertilizer**”uTerra Biotic Fertilizer”** is not classified as dangerous cargo in accordance with ADR/IMDG code/IATA/AND.

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1. UN Number:
Not classified as Dangerous Cargo.

2. The Proper UN Shipping Name:
Not Classified as Dangerous Cargo.

3. Hazard Class(es) During Transporation:
Not classified as Dangerous cargo.

4. Packing Group:
Not Applied.

5. Environmental Hazard:
None.

6. Special Precautions of the User.
None.

7. Transportation in Bulk in Accordance with Annex II of Marpol and IBC Code:
Not Applied.

Section 15: Information on international and National Legislation

15.1 Occupational Safety/Health and Environmental Regulations/Legislation Specific to the Substance or Mixture:

1. Regulations EC (1272/2008) of the European Parliament and of the council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation EC No 1907/2006.

2. Regulation EC No 1907/2006 of the European Parliament and of the council of 16th December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

3. Directive 2008/98/EC of the European Parliament and the council of 19th November 2008 on waste and repealing certain Directives.

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4. Agreement concerning International Carriage of Dangerous Goods by Road (ADR). United Nations, New York and Geneva, 2022.

5. Annex II rules to the MARPOOL 73/78 Conventions for the prevention of pollution by harmful ,liquid substances transported in bulk.

6. Hygeinic standard, "**Maximum permissible concentration (MPC) of harmful substance in the air of the work area",** approved by Resolution No.92 of the Ministry of Health of the United Arab Emirates.

7. Hygienic standard " **Indicators of safety and harmlessness of producing microorganisms, microbial preparations, and their components , harmful substance in the air of the working area and on the skin of workers"**, approved by the Resolution of the UAE dated 01/25/2021.

15.2 Chemical Safety Assessment

Chemical safety assessment of substances in accordance with REACH Regulations No.2 1907/2006 have not been carried out.

Section 16: Additonal Information

Abbreviations

Abbreviations	Description of Abbreviations Used
EC	European List of Detectable Chemicals
UN Number	Identification Number of the Substance

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MPC	Maximum Permissible Concentration
GHS	The Globally Harmonized System of Classification and Labelling of Chemicals (GHS), developed by United Nations
CAS	Chemical Abstracts Service
MARPOL	International Convention for the Prevention of Pollution Form Ships, 1973 as modified by the Protocol 1978
PBT	Persistent, Biologically Accumulating and toxic
REACH	Registration,Evaluation,Authorization of Chemicals
vPvB	Very Persistent and very Bio Accumulative

Manager
uTerra Middle East Agro Industries LLC