

SECTION 1

IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

- 1.1. H
Product name HumiGro
Product code 2703
Product custom code LP-1002
Brand BioAktiva



- REACH No A registration number is not available for this substance as the substance or its uses are exempted from registration.
- CAS No Product does not have a CAS
- EC No Product does not have a EC
- 1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended use and restrictions For use as bio stimulant/organic fertilyser
- 1.3. Details of the supplier of the safety data sheet
Company name: Fertile Acre FZ-LLC
Address: P.O. Box 54504, Ras Al Khaimah, UAE
Telephone: +971 7 243 0652
E-mail address: enquiries@bio-aktiva.com
- 1.4. Emergency telephone number
Emergency Phone: +971 7 243 0652

SECTION 2

HAZARDS IDENTIFICATION

- 2.1. Classification of the substance:
Classification according to Regulation (EC) No 1272/2008 Not classified.
Classification according to Directive 1999/45/EC The product is not classified as dangerous according to Directive 67/548/EEC and its amendments.
- Additional information:
For the full text of the H-Statements mentioned in this Section, see Section 16.
- 2.2. Label elements:
Signal word No signal word.
Hazard statement(s) No known significant effects or critical hazards.
- Precautionary statements:**
- | | |
|---|---|
| Prevention | P101 If medical advice is needed: Have product container or label at hand. P103 Read label before use. |
| Response | Not applicable. |
| Storage | P234 Keep only in original container |
| Disposal | P501 Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| Risk phrases | This product is not classified according to EU legislation. |
| Safety phrases | Not applicable. |
| Supplemental label elements | Avoid breathing dust. Wash hands thoroughly after handling. Wear protective gloves. Use only in well-ventilated areas. |
| Annex XVII -Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles | Not applicable. |
- 2.3. Other hazards
Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII Not available.
Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII Not available.
Other hazards which do not result in classification None known.

SECTION 3

COMPOSITION/INFORMATION ON INGREDIENTS

There are no ingredients present of which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Composition:

| Substance name / REACH registration No. | CAS / EC No. | Classification according to EC No.1272/2008 | m. a. % |
|--|---------------------|--|----------------|
| Dry matter | Not applied | Not applied | 35±5 |
| Moisture | Not applied | Not applied | 68±5 |
| Organic matter content (m/m) | Not applied | Not applied | 90±5 |
| Organic matter content (m/v) | Not applied | Not applied | 25±1.5 |
| Total organic carbon (m/m) | Not applied | Not applied | 45+3 |
| Humic acids (m/m) | Not applied | Not applied | 18±5 |
| Total nitrogen (m/m) | Not applied | Not applied | 3±0.05 |
| Total phosphorus (m/m) | Not applied | Not applied | 0.1±0.01 |
| Total potassium (m/m) | Not applied | Not applied | 0.06±0.01 |

SECTION 4

FIRST AID MEASURES

- 4.1. Description of first aid measures
- | | |
|-------------------------|---|
| General advice | Consult a physician. Show this safety data sheet to the doctor in attendance. |
| If inhaled | If breathed in, move person into fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur. |
| In case of skin contact | Wash off with soap and plenty of water. Get medical attention if symptoms occur. |
| In case of eye contact | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Check for and remove any contact lenses |
| If swallowed | Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. |
- 4.2. Most important symptoms and effects, both acute and delayed
- Potential acute health effects:
- | | |
|-------------------------|---|
| If inhaled | No known significant effects or critical hazards. |
| In case of skin contact | No known significant effects or critical hazards. |
| In case of eye contact | No known significant effects or critical hazards. |
| If swallowed | No known significant effects or critical hazards. |
- Over-exposure signs/symptoms:
- | | |
|-------------------------|-------------------|
| If inhaled | No specific data. |
| In case of skin contact | No specific data. |
| In case of eye contact | No specific data. |
| If swallowed | No specific data. |
- 4.3. Indication of any immediate medical attention and special treatment needed
- | | |
|--------------------|---|
| Notes to physician | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
|--------------------|---|

SECTION 5

FIREFIGHTING MEASURES

- | | |
|--|--|
| 5.1. Extinguishing media Suitable extinguishing media | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| 5.2. Special hazards arising from the substance or mixture | Burning material can produce harmful fumes and gas. Contaminated water, used for extinguishing, pollution. |
| 5.3. Advice for firefighters | Wear self-contained breathing apparatus and chemical resistant suit (according to EC regalement EN469) for firefighting. |
| 5.4. Further information | Move undamaged containers from immediate hazard area if it can be done safely. Use water spray/stream to protect personnel and to cool endangered containers. |

SECTION 6

ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures
- 6.1.1 For non-emergency personnel No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Put on appropriate personal protective equipment.
- 6.1.2 For emergency responders Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.
- 6.2. Environmental precautions Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- 6.3. Methods and materials for containment and cleaning up Scoop up spillages and place in a container. When handling used substance, full protective clothing including wellington boots, nitrile gloves and face mask should be worn. In case of spillages to surface waters inform appropriate institutions.
- 6.4. Reference to other sections For disposal see section 13, for handling and storage section 7, for exposure controls/ personal protection section 8.

SECTION 7

HANDLING AND STORAGE

- | | |
|---|--|
| 7.1. Precautions for safe handling | Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2. |
| 7.1.1 Precaution for fire and explosion | Product is not inflammable and explosive. |
| Environmental precaution | Take care of avoiding release to water bodies (lakes, rivers, etc). |
| 7.1.2 Advice on general occupational hygiene | Not to eat, drink and smoke in work areas; to wash hands after use; and to remove contaminated clothing and protective equipment before entering eating areas |
| 7.2. Conditions for safe storage, including any incompatibilities | Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. |
| 7.3. Specific end use(s) | Not available. |

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

| | | |
|------|--|--|
| 8.1. | Control parameters | Does not contain components which have stated control parameters. |
| 8.2. | Exposure controls | |
| | Appropriate engineering controls | Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday |
| | Personal protective equipment | |
| | <i>Eye/face protection.</i> | Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). |
| | <i>Skin protection</i> | Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. |
| | Full contact | Material: Nitrile rubber Minimum layer thickness: 0,11 mm. Break through time: 480 min Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M) |
| | Splash contact | Material: Nitrile rubber Minimum layer thickness: 0,11 mm. Break through time: 480 min Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M) |
| | <i>Body Protection</i> | Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. |
| | <i>Respiratory protection</i> | For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). |
| | <i>Control of environmental exposure</i> | Do not let product enter drains. |

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | Appearance | |
|----|---|----------------------------|
| a) | Physical state and color | Brown fibrous solid |
| b) | Odour | No odour |
| d) | Moisture, % | 65±5 |
| e) | pH | 6.5±0.45 |
| f) | Melting point/freezing point | No data available |
| g) | Initial boiling point and boiling range | No data available |
| h) | Evapouration rate | No data available |
| i) | Vapour pressure | No data available |
| j) | Vapour density | No data available |
| k) | Relative density | No data available |
| l) | Water solubility | Partly soluble |
| m) | Density | 0.370 kg/m ³ |
| n) | Explosive properties | No known explosion hazards |
| o) | El. conductivity, mS cm ⁻¹ | <1 |

9.2. Other information

No additional information.

SECTION 10

STABILITY AND REACTIVITY

| | | |
|-------|------------------------------------|--|
| 10.1. | Reactivity | No specific test data related to reactivity available for this product or its ingredients |
| 10.2. | Chemical stability | The product is stable. |
| 10.3. | Possibility of hazardous reactions | Under normal conditions of storage and use, hazardous reactions will not occur. |
| 10.4. | Conditions to avoid | No specific data. |
| 10.5. | Incompatible materials | No specific data. |
| 10.6. | Hazardous decomposition products | None |
| 10.7. | Hazardous Polymerization | None |
| 10.8. | Other decomposition products | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

SECTION 11

TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Mixture: The information on the product is based on the practical experience and monitoring with the product.

| | |
|--|-------------------|
| Acute Oral Toxicity: | No data available |
| Acute toxicity (dermal) | No data available |
| Acute toxicity (inhalation) | No data available |
| Skin corrosion/irritation | No data available |
| Serious eye damage/eye irritation | No data available |
| Respiratory or skin sensitisation | No data available |
| Germ cell mutagenicity | No data available |
| Carcinogenicity | No data available |
| IARC | No data available |
| Reproductive toxicity | No data available |
| Specific target organ toxicity - single exposure | No data available |
| Specific target organ toxicity – repeated exposure | No data available |
| Aspiration hazard | No data available |

SECTION 12

ECOLOGICAL INFORMATION

| | | |
|-------|------------------------------------|-------------------|
| 12.1. | Toxicity | No data available |
| 12.2. | Persistence and degradability | No data available |
| 12.3. | Bio accumulative potential | No data available |
| 12.4. | Mobility in soil | No data available |
| 12.5. | Results of PBT and vPvB assessment | No data available |
| 12.6. | Other adverse effects | No data available |



SECTION 13

DISPOSAL CONSIDERATIONS

| | | |
|-------|------------------------|--|
| 13.1. | Waste Disposal Method | Do not contaminate water with the product or its container. Do not re-use empty container. Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor. |
| | Hazardous waste | Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC |
| 13.2. | Contaminated packaging | Dispose of container and unused contents in accordance with federal, state, and local regulations. EWC 15 01 02 |

SECTION 14

TRANSPORT INFORMATION

14.1. UN number

| | | |
|------------|---------|---------|
| ADR/RID: - | IMDG: - | IATA: - |
|------------|---------|---------|

14.2. UN proper shipping name

| | |
|----------|---------------------|
| ADR/RID: | Not dangerous goods |
| IMDG: | Not dangerous goods |
| IATA: | Not dangerous goods |

14.3. Transport hazard class(es)

| | | |
|------------|---------|---------|
| ADR/RID: - | IMDG: - | IATA: - |
|------------|---------|---------|

14.4. Packaging group

| | | |
|------------|---------|---------|
| ADR/RID: - | IMDG: - | IATA: - |
|------------|---------|---------|

14.5. Environmental hazards

| | | |
|-------------|----------|----------|
| ADR/RID: No | IMDG: No | IATA: No |
|-------------|----------|----------|

14.6. Special precautions for user

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
Not available.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15

REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006; Regulation (EC) No. 830/2015; CLP regulation (EC) No. 1272/2008; EWC catalogue.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture Not applicable

15.2. Chemical Safety Assessment: See clause 14. Chemical safety assessment is not necessary.

| | |
|--------------------------------------|--|
| Fire Hazard: | NO |
| Reactive Hazard: | NO |
| Release of Pressure: | NO |
| Acute Health Hazard: | NO |
| Chronic Health Hazard: | NO |
| Toxic Substances Control Act (TSCA): | All raw materials used in the production of the product have a natural origin. |

SECTION 16

OTHER INFORMATION

Prepared according to Regulation (EC) No. 830/2015
Version 3
Revision Date 10.08.2017

16.1. The information in this product is based on practical experience, tests and monitoring.

16.2 Acronyms

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
PBT: Persistent, Bioaccumulative and Toxic substances
vPvB: Very Persistent and Very Bioaccumulative substances
LD50: Median Lethal Dose
CAS: Chemical Abstracts Service Number
Full text of H-Statements referred to under sections 2 and 3.

16.4. Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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