

MATERIAL SAFETY DATA SHEET

Agroplasma S.L./Calle Fedra 10/29006 Malaga/SPAIN

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Effective Date: 1/01/08

Product: **Ferticell Universal 0-0-1**

1. IDENTIFICATION

Chemical Name: Formulated Mixture (Potassium Sulfate and Algae Extract)
Chemical Family: Liquid Plant Nutrient
Formula: Not Applicable, Formulated Mixture
Synonyms: None
CAS Number: Potassium Sulfate: 7778-80-5

2. PHYSICAL DATA

Boiling Point: 212 Degrees F.
Vapor Pressure: N/A
Vapor Density: Not Determined
Specific Gravity: 1.0
pH: 3.96
Melting Point: N/A
Water Solubility: 100%
Appearance: Green Liquid

3. INGREDIENTS

Material	CAS Number	Percent	Hazard
Potassium Sulfate	7778-80-5	1.0%	N/A
Algae Extract	N/A	25%	N/A

4. FIRE AND EXPLOSION HAZARD

Flash Point: Non-combustible
Autoignition Temperature: Non-combustible
Flammable Limit: N/A
Extinguishing Media: Non-combustible liquid, use extinguishing media for underlying cause of fire.
Special Fire Fighting Procedures: Use positive pressure self-contained breathing apparatus with full protective clothing. Use water spray to keep fire exposed containers cool.
Fire and Explosion Hazard: None

5. HEALTH HAZARD DATA

Carcinogen Information: None currently known

ACUTE EFFECTS OF OVER EXPOSURE

- Swallowing: Large oral dosages may produce gastrointestinal disturbances and irritation.
- Skin Absorption: No absorption expected.
- Inhalation: Not expected to be a health hazard, possible sneezing and coughing.
- Skin Contact: Not expected to be a health hazard from skin exposure.
- Eye Contact: No adverse effects expected but dust may cause mechanical irritation.
- Chronic Effects: Not expected to be a health hazard. Potassium poisoning may occur in rare cases of long exposure or ingestion.
- Other Hazard: None

EMERGENCY AND FIRST AID PROCEDURES

- Swallowing: If large amounts were swallowed, give water to drink and induce vomiting. Seek medical advice.
- Skin: Wash exposed area with soap and water. Get medical advice if irritation develops.
- Inhalation: Remove to fresh air. Get medical attention for any breathing difficulty.
- Eyes: Wash thoroughly with running water. Get medical advice if irritation develops.
- Note to Physician: In the event of an adverse response, treatment should be directed toward control of the symptoms.

6. REACTIVITY

Stability:	Stable under normal conditions and storage.
Conditions to Avoid:	Incompatibles
Polymerization:	Will not occur.
Conditions to Avoid:	Incompatibles
Incompatibility Material:	Aluminum and Magnesium
Hazardous Combustion:	None.
Hazardous Decomposition of Products:	Oxides of sulfur and potassium

7. SPILL OR LEAK PROCEDURES

Spill or Leak Procedures:	Absorb material with an absorbent such as clay or sand and place in suitable container for proper disposal.
Waste Disposal Method:	This material must be disposed of according to federal, state, or local procedures under the Resource Conservation and Recovery Act.

8. SPECIAL PROTECTION INFORMATION

Respiration:	None normally required
Ventilation:	Local exhaust sufficient.
Gloves:	Impervious
Eyes:	Splash proof goggles
Other:	None

9. SPECIAL PRECAUTIONS

Special Precaution:	Keep out of reach of children. Do not store with food, feed, or other material to be used or consumed by humans or animals.
Other Precaution:	None

10. SHIPPING INFORMATION

Shipping Name:	N/A
Hazard Class:	None
Identification Number:	None
Labels Required:	None
Placarding:	None
Freight Class:	Compound, manufactured liquid fertilizer