

# MATERIAL SAFETY DATA SHEET

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

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Effective Date: 1/01/09

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: 6

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