

# MATERIAL SAFETY DATA SHEET

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

Fax: 0034-952-381753 Tel: 0034-630-378940

CHEMTREC: 1-800-424-9300

Effective Date: 1/01/08

Product: **Ferticell Potassium 0-0-28**

## 1. IDENTIFICATION

Chemical Name: Formulated Mixture (Rice Straw,  
Potassium Carbonate and Algae Extract)  
Chemical Family: Liquid Plant Nutrient  
Formula: Not Applicable, Formulated Mixture  
Synonyms: None  
CAS Number: Potassium Carbonate: 584-08-7

## 2. PHYSICAL DATA

Boiling Point: 212 degrees F.  
Vapor Pressure: Not Determined  
Vapor Density: Not Determined  
Specific Gravity: 1.3  
pH: 11.71  
Melting Point: N/A  
Water Solubility: 100%  
Appearance: Brown Liquid

## 3. INGREDIENTS

Material	CAS Number	Percent	Hazard
Potassium Carbonate	584-08-7	28%	N/A
Algae Extract		25%	N/A
Rice Straw		N/A	N/A

## 4. FIRE AND EXPLOSION HAZARD

Flash Point: Non-combustible  
Autoignition Temperature: Non-combustible  
Flammable Limit: Potassium Carbonate known to be highly flammable.  
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: Move 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.