

MATERIAL SAFETY DATA SHEET

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

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Effective Date: 1/01/09

Product: **Ferticell Calcium 7-0-0**

1. IDENTIFICATION

Chemical Name: Formulated Mixture
Chemical Family: Liquid Plant Nutrient
Formula: N/A, Formulated Mixture
Synonyms: None
CAS Number: N/A

2. PHYSICAL DATA

Boiling Point: 210-212 degrees F.
Vapor Pressure: Not Determined
Vapor Density: Not Determined
Specific Gravity: 1.2
pH: 7
Melting Point: N/A
Water Solubility: 100%
Appearance: Brown Liquid

3. INGREDIENTS

Material	CAS Number	Percent	Hazard
Proprietary blend of soybean meal, calcium carbonate, nitric acid, and algae extract.		100%	Skin, Eye, and Respiratory Tract Irritant.

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: Product may produce toxic fumes under fire conditions.

5. HEALTH HAZARD DATA

Carcinogen Information: None currently known

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: May cause obstruction in stomach as calcium sulfate hardens with moisture. Symptoms include stomach pain and distress.

Skin Absorption: No absorption expected.

Inhalation: Causes irritation to respiratory tract. Symptoms may include coughing and shortness of breath.

Skin Contact: Causes skin irritation, redness, and pain.

Eye Contact: Causes irritation, redness, and pain.

Chronic Effects: Not expected to be a health hazard.

Other Hazard: None.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: Give water to drink and induce vomiting. Seek medical advice.

Skin: Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower

and upper eyelids occasionally. Get medical attention immediately.

Note to Physician: In the event of an adverse response, treatment should be directed toward control of the symptoms.

6. REACTIVITY

Stability: The calcium sulfate is hygroscopic. Stable under normal conditions and storage.

Conditions to Avoid: Air and incompatibles.

Polymerization: Will not occur.

Conditions to Avoid: Air and incompatibles.

Incompatibility Material: Diazomethane, aluminum, and phosphorous.

Hazardous Combustion: Calcium nitrate is not combustible but enhances combustion of other substances.

Hazardous Decomposition of Products: Burning may produce sulfur oxides.

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: The OSHA permissible exposure limit is

15 mg/m³ total dust and 5 mg/m³ respirable fraction. Under normal conditions none is normally required. In the event that the permissible exposure limit is exceeded and engineering controls are not feasible, a half facepiece particulate respirator (NIOSH type N95 or better filters) may be worn for up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest.. A full-face piece particulate respirator (NIOSH type N100 filters) may be worn up to 50 times the exposure limit, or the maximum use concentration specified by the appropriate regulatory agency, or respirator supplier, whichever is lowest. If oil particles (e.g. lubricants, cutting fluids, glycerine, etc.) are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator. **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

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 materials 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.