

MATERIAL SAFETY DATA SHEET

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

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CHEMTREC: 1-800-424-9300

Effective Date: 1/01/08

Product: **Ferticell Calcium 880**

1. IDENTIFICATION

Chemical Name: Formulated Mixture (Calcium Carbonate and Algae Extract)

Chemical Family: Liquid Plant Nutrient

Formula: Not Applicable, Formulated Mixture

Synonyms: None

CAS Number: Calcium Carbonate: 471-34-1

2. PHYSICAL DATA

Boiling Point: 210-212 degrees F.

Vapor Pressure: Not Determined

Vapor Density: Not Determined

Specific Gravity: 1.2

pH: 8.48

Melting Point: N/A

Water Solubility: 100%

Appearance: White Liquid

3. INGREDIENTS

Material	CAS Number	Percent	Hazard
Calcium Carbonate	471-34-1	28% Ca	Skin, Eye, and Respiratory Tract Irritant
Algae Extract		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:	May produce toxic fumes under fire conditions.

5. HEALTH HAZARD DATA

Carcinogen Information: None currently known.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing:	Non-toxic.
Skin Absorption:	No absorption expected.
Inhalation:	Excessive concentrations of a nuisance dust may cause nuisance condition such as coughing, sneezing, and nasal irritation.
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:	Excessive oral doses of calcium carbonate may produce alkalosis and hypercalcemia.
Other Hazard:	None.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing:	Drink large quantities of water 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 ordinary conditions of use and storage.
Conditions to Avoid:	Heat, incompatibles.
Polymerization:	Will not occur.
Conditions to Avoid:	Heat, incompatibles.
Incompatibility Material:	Acids, fluorine, magnesium with hydrogen.
Hazardous Combustion:	None.
Hazardous Decomposition Products:	When heated to decomposition (825C), emits calcium oxide fumes and liberates carbon dioxide.

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 and/or general exhaust.
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.