

SAFETY DATA SHEET

This SDS complies with REACH 1907/2006 and 2001/58/EC, GHS REVISION 5, OSHA 29CFR 1910.1200

Section 1: Chemical Product and Company Identification

CHEMICAL SUPPLIER COMPANY NAME

Agroplasma, Inc.®
5865 S. Kyrene Rd Suite 1
Tempe, AZ 85283

EMERGENCY TELEPHONE

Infotrac Contract # 111163
Infotrac Ph #: 800-535-5053

MANUFACTURER'S NAME:

Agroplasma, S. L.
C/ Torre del Mar Nr. 56, Malaga, Spain
34 952 382 437

DATE PREPARED:

August 27, 2015

REVISION DATE: May 24th, 2019

PRODUCT NAME:

Calcium 880 Plus™

FORMULA:

Preparation/Mixture

PRODUCT USE:

Plant energizers and fertilizers designed for both conventional and organic farming.

Blend of plant nutrients derived from Calcium Carbonate and fresh water algae extract.

Guaranteed Analysis: Total Calcium 25%

Section 2: Hazards Identification

GHS Hazard Class

Not Applicable. This product does not meet the physical, health, or environmental classification criteria of GHS (Globally Harmonized System).

Hazards not otherwise classified (HNOC) or not covered by GHS - None

HAZARD CLASSIFICATION:

Not classified as hazardous based on IATA, IMDG, and DOT.

FIRE AND EXPLOSION:

Not considered flammable or combustible, but this product will burn if involved in a fire.

POTENTIAL HEALTH EFFECTS:

<0 % of mixture consists of ingredients of unknown acute toxicity

APPEARANCE:

White liquid flowable suspension

NFPA Rating:

Component	Health (Blue)	Flammability (Red)	Reactivity (Yellow)	Special (White)
Calcium 880Plus™	1	0	0	-----

Section 3: Composition, Information on Ingredients

Alberto: if the CAS number for Calcium carbonate is correct, then the Canada DSL is correct.

PRODUCT COMPOSITION	APPROX %	CAS NO.	EINECS/ELINCS	CANADA DSL
Calcium Carbonate	>45	1317-65-3	215-279-6	NDSL
Algae extract and other plant beneficial materials	<30	-----	-----	-----

Some items on this SDS may be designated as trade secrets (TS). Bonafide requests for disclosure of trade secret information to medical personnel must be made in accordance with the provisions contained in 29 CFR 1910.1200 | 1-13.

Section 4: First Aid Measures

Description of First Aid Measures

Inhalation	Remove to fresh air. If not breathing, provide CPR (cardio pulmonary resuscitation). Get immediate medical attention.
Skin Contact	Immediately wash skin with plenty of soap and water. Remove contaminated clothing.
Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.
Ingestion	If swallowed do not induce vomiting, give large quantities of water to drink. Never give anything to an unconscious person. Get immediate medical attention.

Most important symptoms and effects, both acute and delayed

Due to the type and nature of the substances present in this product, no special First Aid advices are necessary.

Symptoms/Injuries after Inhalation	May cause respiratory tract irritation from dust inhalation.
Symptoms/Injuries after Skin Contact	May cause skin irritation. Symptoms may include redness, drying, defatting, and cracking of the skin.
Symptoms/Injuries after Eye Contact	May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/Injuries after Ingestion	May be harmful if swallowed

Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately.

Section 5: Fire-fighting Measures

Suitable extinguishing media	Non-combustible product. Use an appropriate extinguishing media and technique for underlying cause of fire.
Special hazards arising from the substance or mixture	Fire may produce a thick black smoke. As a consequence of thermal decomposition, dangerous chemicals may be formed such as; carbon monoxide and carbon dioxide. Exposure to the combustion by-products may be hazardous to human health.
Protective actions fire-fighters	Wear standard protective equipment and self-contained breathing apparatus for firefighting if necessary.
Further information	None

Section 6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

Wear proper personal protective equipment. Avoid breathing dust.

Environmental precautions

This product is not classified as dangerous to the environment.

Prevent spills or contaminated rinse water from entering sewers or watercourses.

Methods and materials for containment and cleaning up

Contain spill. Collect all dry material and discard properly. For liquids, use an appropriate absorbent material such as diatomaceous earth, sand or cat litter, and dispose of properly. See Section 13 for more details.

Reference to other Sections For personal protection reference section 8. For disposal reference section 13.

Section 7: Handling and Storage

Precautions for safe handling

This product does not require special handling procedures, but it is advisable to follow the following recommendations.
 Use with adequate ventilation.
 For personal protection see Section 8. Wash hands after handling this material.
 Appropriate container should be used for disposal.
 Refrain from eating, smoking, or drinking where the product will be mixed or applied. .
 Follow local laws pertaining to workplace safety and hygiene.

Conditions for safe storage, including any incompatibilities

This product does not require special storage. It is advisable to follow general good storage practices, such as avoiding nearby sources of heat, excessive humidity, electricity, radiation, or storing together with food items.
 Avoid contact with strong oxidizing or reducing materials.
 Avoid storing in places susceptible to sub-freezing temperatures, as well as temperatures above 120 degrees F.
 Store in a dry and well-ventilated place.
 Keep out of reach of children.
 Store unblended in original containers.

Specific uses

This product is a plant energizer and fertilizer designed for both conventional and organic farming.

Section 8: Exposure Controls/Personal Protection

Control Parameters

PRODUCT COMPOSITION	ACGIH TLV	OSHA PEL	NIOSH REL
Product liquid	-----	-----	-----

Exposure controls

VENTILATION:

Always provide good ventilation where this chemical/material is used.

RESPIRATORY PROTECTION:

Wear air supplied respiratory protection if exposure concentrations are unknown. In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter. Wear respiratory protection during operations where spraying or misting occurs. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA 29 CFR 1910.134.

PROTECTIVE GLOVES:

Neoprene, butyl, or nitrile rubber gloves are recommended.

EYE PROTECTION:

Recommend eye protection using safety glasses or goggles.

SKIN PROTECTION:

Suitable protective clothing to prevent skin contact

WORK/HYGIENE PRACTICES:

Avoid breathing vapor. Avoid contact with eyes. Wash hands after handling.

Section 9: Physical and Chemical Properties

	PRODUCT CRITERIA
APPEARANCE - COLOR:	White
PHYSICAL STATE:	Liquid
ODOR:	Slight vinegar odor
ODOR THRESHOLD	Not Available for product
PH	8.7 - 8.9
MELTING POINT/FREEZING POINT:	Not Available for product
INITIAL BOILING POINT AND BOILING RANGE:	Not Available for product
FLASH POINT:	Not Available for product
EVAPORATION RATE:	Not Available for product
FLAMMABILITY (Solid, gas)	Not Available for product

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	Not Measured
VAPOR PRESSURE	Not Available for product
VAPOR DENSITY (AIR = 1)	Not Available for product
RELATIVE DENSITY (@25 °C):	14.5 lbs/gal.
SOLUBILITY(IES)	Partially Soluble in water
OXIDIZING PROPERTIES	Not Available for product
PARTITION COEFFICIENT: n-octanol/water	Not Available for product
AUTO IGNITION TEMPERATURE	Not Available for product
DECOMPOSITION TEMPERATURE	Not Available for product
VISCOSITY	Not Available for product

Section 10: Stability and Reactivity

Reactivity:	Not reactive.
Chemical Stability:	Stable under normal storage conditions and handling
Possibility of Hazardous Reactions:	Will not occur
Conditions to Avoid:	None
Incompatibility (Materials to Avoid):	None
Hazardous Decomposition Products:	None

Section 11: Toxicological Information

There is no toxicological information available for the product mixture.

GHS Required Criteria	Toxicity Criteria	Toxicity Information	Comments	Chemical Constituent
Acute Toxicity	LD50 (Oral/Rat):	6450 mg/kg		Calcium Carbonate
Skin Corrosion/Irritation	Prolonged or repeated contact may irritate slightly.			Calcium
Skin rabbit	No skin irritation		OECD 404	Calcium Carbonate
Serious Eye Damage / Eye Irritation	Liquid contact may irritate slightly. If mist is formed, it may also irritate slightly.			Calcium
	Eyes rabbit	Mild eye irritation	OECD 405	Calcium Carbonate
Respiratory or Skin Sensitization		Data not available		
Germ Cell Mutagenicity		Data not available		
Carcinogenicity	NTP	Not listed		
	IARC	Not listed		
	OSHA	Not listed		
Reproductive Toxicity		Data not available		
STOT -- Single Exposure		Data not available		
STOT -- Repeated Exposure		Data not available		
Aspiration Hazard		Data not available		

STOT = Specific Target Organ Systemic Toxicity

Section 12: Ecological Information

Toxicity:	No information is available.	
Persistence and degradability:	No information is available.	
Bioaccumulative potential	No information is available.	
Mobility in soil:	No information is available.	
PBT and vPvB assessment:	PBT/vPvB assessment not available as chemical assessment not required/not conducted	
Other adverse effects:	No information is available.	

Section 13: Disposal Considerations

Waste from residues/unused products: Follow the waste disposal requirements of your country, state, or local authorities.

Contaminated packaging: Contaminated packaging material should be disposed of as stated above for residues and unused product.