

## SAFETY DATA SHEET

### Section 1: IDENTIFICATION

- 1.1 Product Name:** Cell Power™ Max Cal With 12% Calcium  
**1.2 Other Identification:** 10-0-0  
**1.3 Recommended Use of Chemical:** Liquid Plant Nutrition  
**1.4 Manufacturer:** OMEX™ Agrifluids, Inc.  
P.O. Box 815, Selma, CA 93662  
559-661-6138  
**1.5 24-hr Emergency Contact:** CHEMTREC (24-hrs)  
1-800-424-9300 / 1-703-527-3887

### Section 2: HAZARD(S) IDENTIFICATION

- 2.1 Signal Word:** Warning

**2.2 Hazard Classification:**

Health	Environmental	Physical
Eye Irritation – Category 2	Not applicable	Not applicable

**2.3 GHS Pictogram:**



**2.4 Hazard Statement(s):**

Harmful if swallowed.  
Causes serious eye irritation.  
Suspected of damaging fertility or the unborn child.

**2.5 Precautionary Statements:**

**Prevention:**

Do not eat, drink or smoke when using this product.  
Wash hands thoroughly after handling.  
Wear protective gloves, clothing, eye and face protection.

**Response:**

If swallowed: Call a poison control center or doctor if you feel unwell. Rinse mouth.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
For specific treatment refer to product label.

**Storage:**

Store in original containers only. Keep containers tightly closed when not in use. Store in a cool, dry well-ventilated area, preferably in a locked storage area away from children, feed and food products and seed. Store at ambient temperatures.

**Disposal:**

Dispose of contents/container according to label directions and local, state and federal regulation.

**Section 3: COMPOSITION/INFORMATION on INGREDIENTS****3.1 Chemical Ingredients:** (See Section 8 for exposure guidelines)

Chemical	CAS No.	% by Wt.
Calcium Nitrate	10124-37-5	1-5%
Calcium Ammonium Nitrate	15245-12-2	60-65%
Magnesium Nitrate	10377-60-3	1-5%
Iron EDTA	15375-84-5	0.75%
Manganese EDTA	15375-84-5	0.35%
Copper EDTA	54453-03-1	0.30%
Zinc EDTA	15954-98-0	0.75%
Boric Acid	10043-35-3	1.5%

**Section 4: FIRST AID MEASURES****4.1 Signs and Symptoms of Short Term (Acute) and Long Term (Chronic) Exposure:**

ACUTE: Harmful if swallowed. Nausea, vertigo, vomiting abdominal pain, rapid heartbeat, coma and convulsions may result from ingestion of large amounts of Nitrates. Causes serious eye irritation. Suspected of damaging fertility or the unborn child.

CHRONIC: Small repeated doses of nitrates may lead to weakness, depression, headache. Repeated and prolonged contact with irritants may cause conjunctivitis or dermatitis.

**4.2 Conditions Aggravated by Overexposure:** None known.**4.3 First Aid**

If in eyes:	Hold eye open and rinse slowly and gently with water for 15-20 minutes.
	Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
	Call a poison control center or doctor for treatment advice.
If on skin or clothing:	Take off contaminated clothing.
	Rinse skin immediately with plenty of water for 15-20 minutes.
	Call a poison control center or doctor for treatment advice.
If swallowed:	Call a poison control center or doctor for treatment advice.
	Have person sip a glass of water if able to swallow.
	Do not induce vomiting unless told to do so by the poison control center or doctor.
	Do not give anything by mouth to an unconscious person.
If inhaled:	Move person to fresh air.
	If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
	Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor or going to treatment.	
For emergencies, call CHEMTREC (24-hrs) 1-800-424-9300 / 1-703-527-3887 CCN:816681	

---

**Section 5: FIRE FIGHTING MEASURES**

- 5.1 Flammable Properties:** Non-flammable. Ammonia May be evolved at high temperatures. Fertilizer suspensions will not burn. Fire can evaporate to dryness leaving crystals of the ingredients.
  - 5.2 Extinguishing Media:** Fire fighting procedures are based on the presence of Ammonium Nitrate. Carefully apply large volumes of low pressure water to cool affected containers. Apply water spray to knock down any ammonia vapors. Control run-off water.
  - 5.3 Fire Fighting Instructions:** Evacuate area, Do not confine fire. Fight fire from the greatest distance possible to protect from fumes, and possible explosion. Wear full protective clothing and self-contained breathing apparatus.
  - 5.4 Unusual Fire and Explosion Properties:** Avoid excessive heating under confinement.
  - 5.5 Hazardous Combustion Products:** At high temperatures may release toxic fumes of ammonia, nitrous and other oxides.
- 

**Section 6: ACCIDENTAL RELEASE MEASURES**

- 6.1 In Case of Spill or Leak:** Dike spill to prevent spread. Prevent movement of Nitrates to groundwater.
  - 6.2 Disposal:** Dispose according to Section 13 and product label.
  - 6.3 Personal Precautions:** Avoid contact with eyes. Wear rubber/neoprene gloves when handling the suspension.
  - 6.4 Environmental Precautions:** Cell Power™ Max Cal With 12% Calcium 10-0-0 is a plant food, but large spills could cause vegetation damage or illness to animals. Contamination of waterways may cause fishkills.
- 

**Section 7: HANDLING and STORAGE**

- 7.1 Safe Handling Procedures:** Avoid eye contact. Avoid prolonged or repeated skin contact. Wash with soap and water before eating and drinking and before leaving the worksite.
  - 7.2 Storage:** Store in original container only. Keep container tightly closed when not in use. Store in cool, dry well-ventilated area, preferably in a locked storage area away from children, feed and food products and seed. Store at ambient temperature. Do not contaminate water, food or feed by storage or disposal.
- 

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

- 8.1 Exposure Guidelines:** No exposure limits have been set.
  - 8.2 Eye/Face Protection:** Wear safety eyewear: chemical goggles or safety glasses.
  - 8.3 Skin Protection:** Wear protective gloves and clothing.
  - 8.4 Respiratory Protection:** None required under normal circumstances.
  - 8.5 General Hygiene:** Good personal hygiene practices should always be observed. Wash hands, arms, face thoroughly after handling product before eating, smoking and using the toilet.
- 

**Section 9: PHYSICAL and CHEMICAL PROPERTIES**

- 9.1 Appearance:** Green Suspension
- 9.2 Odor:** No odor
- 9.3 Odor Threshold:** No data available
- 9.4 pH:** 5.5 – 6.5
- 9.5 Melting Point/Freezing Point:** Freezing Point: 14°F
- 9.6 Boiling Point:** 226°F-230°F

- 9.7 **Flash Point:** Does not flash.
  - 9.8 **Evaporation Rate:** No data available
  - 9.9 **Flammability:** Not flammable.
  - 9.10 **Upper/Lower Flammability Limits:** N/A
  - 9.11 **Vapor Pressure:** No data available
  - 9.12 **Vapor Density:** No data available
  - 9.13 **Bulk Density:** No data available
  - 9.14 **Specific Gravity:** 1.52 @ 64.4°F
  - 9.15 **Solubility (in water):** Complete
  - 9.16 **Partition Coefficient:** No data available
  - 9.17 **Auto-ignition Temperature:** No data available
  - 9.18 **Decomposition Temperature:** No data available
  - 9.19 **Viscosity:** No data available
- 

**Section 10: STABILITY and REACTIVITY**

- 10.1 **Stability:** Stable under normal storage and handling conditions.
  - 10.2 **Hazardous Polymerization:** Will not occur.
  - 10.3 **Conditions to Avoid:** Avoid direct sunlight, extremely high or low temperatures.
  - 10.4 **Hazardous Decomposition:** Carbon monoxide, carbon dioxide.
  - 10.5 **Materials to Avoid:** None known.
- 

**Section 11: TOXICOLOGICAL INFORMATION**

- 11.1 **Target Organs:** Eyes.
  - 11.2 **Routes of Exposure:** Skin and eye contact.
  - 11.3 **Toxicological Data:**
    - Acute Oral, LD50 (rat): No data available
    - Acute Dermal, LD50: No data available
    - Acute Inhalation, LC50: No data available
    - Eye Irritation: No data available; Causes serious eye irritation.
    - Skin Irritation: No data available
    - Dermal Sensitization: Not a skin sensitizer
  - 11.4 **Carcinogenic Status:** No known significant effects or critical hazards.
  - 11.5 **Reproductive Effects:** Suspected of damaging fertility or the unborn child.
  - 11.6 **Teratogenicity:** No known significant effects or critical hazards.
  - 11.7 **Mutagenicity:** No known significant effects or critical hazards.
- 

**Section 12: ECOLOGICAL INFORMATION**

- 12.1 **Aquatic Toxicity:** No data available
  - 12.2 **Environmental Hazards:** Do not contaminate surrounding vegetation or waterways. Prevent movement of nitrates to groundwater.
- 

**Section 13: DISPOSAL CONSIDERATIONS**

- 13.1 **Handling for Disposal:** Handle wastes according to recommendations in Section 7.
- 13.2 **Methods for Disposal:** Do not reuse container. Plastic: Triple rinse (or equivalent), adding rinse water to spray tank, then offer for recycling at an ACRC site (go to <http://www.arcrcycle.org/> for locations) or by reconditioning or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food or feed by storage or

disposal.

---

**Section 14: TRANSPORT INFORMATION**

Not regulated in transportation for DOT.

---

**Section 15: REGULATORY INFORMATION**

- 15.1. **OSHA:** Not applicable
  - 15.2. **CERCLA Reportable Quantity (RQ):** Not applicable
  - 15.3. **SARA Title III:** Zinc compounds are listed on the Section 313 list
- 

**Section 16: OTHER INFORMATION**

<b>NFPA:</b>	<b>HMIS:</b>		
		0	Least
		1	Slight
		2	Moderate
		3	High
		4	Severe

**SDS Preparation Date:** 06/13/2019  
**Revision Date:** New SDS  
**Revision Reason:** New SDS

**FURTHER INFORMATION:**

The above information is based on data of which the manufacturer is aware and is believed to be correct as of the date hereon. Since the information contained herein may be applied under conditions beyond the manufacturer's control and which may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, the manufacturer does not assume any responsibility for the results of its use. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.