

**SAFETY DATA SHEET**  
**Earth Juice Elements Cal-N-Mag**

**1. Product And Company Identification**

**Product Name:** Earth Juice Elements Cal-N-Mag  
**Product Use:** Liquid Plant Nutrient

**Material Number(s):** 100209952, 100209953, 100209954, 100209956,  
100209959, 100209955, 100209958, 100209957

**Responsible Party:** OGM-Hydro Organics Wholesale, Inc.  
295 Convair Avenue  
Chico, CA 95973-9013

**Information Phone Number:** 1-530-680-7235 (Consumer Inquiries)  
**Emergency Phone Number:** 1-800-305-1446 (Human or Animal Exposure)  
**Transportation Emergency:** **1-800-424-9300 (CHEMTREC) (US)**  
**1-703-527-3889 (CHEMTREC: Outside US, Collect calls accepted)**

**E-mail:** [info@hydro-organics.com](mailto:info@hydro-organics.com)

**Date of Preparation:** March 10, 2016

**2. Hazards Identification**

**GHS/OSHA HazCom2012 Classification:**

<b>Physical:</b>	<b>Health:</b>
Non-Hazardous	Eye Damage Category 1

**GHS/OSHA HazCom2012 Label Elements:**



Danger!

**Statements of Hazard**  
Causes serious eye damage.

**Precautionary Statements**  
**Prevention**  
Wash thoroughly after handling.  
Wear eye protection and face protection.  
**Response**  
IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER or doctor.

**Hazards not otherwise specified:** None

**3. Composition/Information On Ingredients**

**SAFETY DATA SHEET**  
**Earth Juice Elements Cal-N-Mag**

<b>Component</b>	<b>CAS No.</b>	<b>Amount</b>
Calcium Nitrate	10124-37-5	<15%

The exact concentrations are a trade secret.

**4. First Aid Measures**

**Inhalation:** If irritation or other symptoms develop, remove to fresh air. Seek medical attention if symptoms persist.

**Skin Contact:** Wash skin with soap and water. Seek medical attention if irritation develops.

**Eye Contact:** Immediately flush eyes with large quantities of water for 20 minutes, holding the eyelids apart. Get immediate medical attention.

**Ingestion:** Do not induce vomiting unless directed to by a doctor or physician. If the victim is fully conscious, have them rinse their mouth with water. Get medical assistance by calling a doctor or poison center. Never give anything by mouth to a person who is unconscious or drowsy.

**Most Important Symptoms:** Causes severe eye irritation with possible damage.

**Indication of Immediate Medical Attention/Special Treatment:** Immediate medical attention is required for eye contact.

**5. Firefighting Measures**

**Suitable (and Unsuitable) Extinguishing Media:** Non-Flammable. Use any media that is suitable for the surrounding fire. Cool fire exposed containers with water.

**Specific Hazards Arising From the Chemical:** Closed containers may rupture if exposed to extreme heat. May release oxides of nitrogen in fire conditions. Product may act as an oxidizer if allowed to dry out.

**Special Fire Fighting Procedures:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

**6: Accidental Release Measures**

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Prevent contact with eyes. Avoid contact with skin and clothing. Wear appropriate protective clothing and equipment as described in Section 8. Ventilate the area. Remove sources of ignition. Keep combustible materials away from spills if safe and easy to do so.

**Methods and Materials for Containment / Cleanup:** Absorb with an inert material. Collect into a suitable container for disposal. Rinse area with water. Prevent entry in storm sewers and waterways. Report spill as required by local and national regulations.

**7. Handling and Storage**

**Precautions for Safe Handling:** Prevent contact with eyes. Avoid contact with skin and clothing. Use only with appropriate protective equipment. Wash hands after use.

**Conditions for Safe Storage, Including Any Incompatibilities:**

Protect containers from physical damage. Store in a cool, well-ventilated area away from strong oxidizers, strong bases, and combustible materials. Keep out of the reach of children.

**SAFETY DATA SHEET**  
**Earth Juice Elements Cal-N-Mag**

**8. Exposure Controls / Personal Protection**

**Exposure Guidelines:**

CHEMICAL	EXPOSURE LIMIT
Calcium Nitrate	None Established

**Appropriate Engineering Controls:** General ventilation should be adequate for normal use.

**Personal Protective Equipment**

**Respiratory Protection:** None required under normal use conditions. If exposures are excessive, wear an approved respirator. Selection of respiratory protection depends on the contaminant type, form and concentration. Select and use in accordance with all applicable regulations (in the US follow OSHA 1910.134) and good Industrial Hygiene practice.

**Gloves:** Protective gloves recommended to avoid skin contact.

**Eye Protection:** Wear chemical goggles.

**Other Protective Equipment/Clothing:** Appropriate protective clothing as needed to minimize skin contact.

**9. Physical and Chemical Properties**

**Appearance and Odor:** Light, clear liquid. Odorless to very slight ammonia odor.

<b>Physical State:</b> Liquid	<b>Odor Threshold:</b> Not determined
<b>pH:</b> 2.5 – 3.5	<b>Specific Gravity:</b> Not determined
<b>Initial Boiling Point/Range:</b> Not determined	<b>Vapor Pressure:</b> Not determined
<b>Melting/Freezing Point:</b> Not determined	<b>Vapor Density:</b> Not determined
<b>Solubility In Water:</b> Soluble	<b>Percent Volatile:</b> Not determined
<b>Viscosity:</b> Not determined	<b>Evaporation Rate:</b> Not determined
<b>Coefficient Of Water/Oil Distribution:</b> Not determined	<b>VOC Content:</b> Not available
<b>Flash Point:</b> Not applicable	<b>Autoignition Temp:</b> Not Determined
<b>Decomposition Temperature:</b> Not determined	<b>Flammability (solid, gas):</b> Not applicable
<b>Flammability Limits:</b> LEL: Not applicable	UEL: Not applicable

**10. Stability and Reactivity**

**Reactivity:** Not normally reactive.

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** Can react with strong bases and acids. Completely dehydrated product may act as an oxidizer.

**Conditions To Avoid:** None known.

**Incompatible Materials:** Strong oxidizing agents, strong bases and acids, and combustible materials.

**Hazardous Decomposition Products:** Oxides of nitrogen.

**SAFETY DATA SHEET**  
**Earth Juice Elements Cal-N-Mag**

**11. Toxicological Information**

**Acute Hazards:**

**Inhalation:** Mist and vapors may cause mild irritation.

**Skin Contact:** May cause mild irritation.

**Eye Contact:** Causes severe irritation with the possibility of eye damage.

**Ingestion:** Swallowing may cause gastrointestinal disturbances.

**Chronic Hazards:** None currently known.

**Carcinogen:** None of the components is listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH or OSHA.

**Acute Toxicity Values:**

Product ATE: LD50 Oral > 2,000 mg/kg

Calcium Nitrate: LD50 Oral rat 302 mg/kg

**12. Ecological Information**

**Ecotoxicity:**

No data for product.

**Persistence and Degradability:**

No data for product.

**Bio accumulative Potential:**

No data for product.

**Mobility in Soil:**

No data for product.

**Other Adverse Effects:** No data available

**13. Disposal Considerations**

Dispose of in accordance with all local, state/provincial and federal regulations.

**14. Transport Information**

**DOT Hazardous Materials Description:**

Proper Shipping Name: Not Regulated

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

**Canadian TDG Materials Description:**

Proper Shipping Name: Not Regulated

UN Number: None

Hazard Class/Packing Group: None

**SAFETY DATA SHEET**  
**Earth Juice Elements Cal-N-Mag**

Labels Required: None

**IMDG Dangerous Goods Description:**

Proper Shipping Name: Not Regulated

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

<b>15. Regulatory Information</b>
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**United States:**

**CERCLA Section 103:** This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**SARA Hazard Category (311/312):** Acute Health

**SARA 313:** This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): Nitrate compounds at 23%.

**EPA TSCA Inventory:** All of the ingredients in this product are listed on the EPA TSCA Inventory.

**U.S. State Regulations:**

**California Proposition 65:** This product does not contain any Proposition 65 chemicals.

**Canada:**

**Canadian Environmental Protection Act:** All of the ingredients are listed on the Canadian Domestic Substances List (DSL), or Canadian Non-Domestic Substances List (NDSL)

This SDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the SDS contains all of the information required by the CPR.

<b>16. Other Information</b>
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**NFPA Rating (NFPA 704):**

Health: 3

Fire: 0

Instability: 0

**HMIS Rating:**

Health: 3

Fire: 0

Physical Hazard: 0

**Date of current revision:**

March 28, 2016

**Revision summary:**

New SDS

**Date of previous revision:**

N/A