

SAFETY DATA SHEET
Earth Juice Crystal pH Down

1. Product And Company Identification

Product Name: Earth Juice Crystal pH Down
Product Use: pH Adjuster

Material Number(s): 100538621, 100538622, 100538623

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

Information Phone Number: 1-800-882-1231 (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

Date of Preparation: January 7, 2019

2. Hazards Identification

GHS/OSHA HazCom2012 Classification:

Physical:

Non-Hazardous

Health:

Eye Irritant Category 2A

GHS/OSHA HazCom2012 Label Elements:



Warning!

Statements of Hazard

Causes serious eye irritation.

Precautionary Statements

Prevention

Wash exposed skin thoroughly after handling.
Wear eye protection.

Response

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 attention.

Hazards not otherwise specified: None

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3. Composition/Information on Ingredients

Component	CAS No.	Amount
Citric Acid	77-92-9	100%

4. First Aid Measures

Inhalation: If irritation develops, 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: If contact occurs, flush eyes with large quantities of water for several minutes, holding the eyelids apart. Get medical attention if irritation persists.

Ingestion: Do not induce vomiting unless directed to by a doctor or physician. Rinse mouth with water. Get medical assistance by calling a doctor or poison center.

Most Important Symptoms: Causes eye irritation. May cause slight skin irritation.

Indication of Immediate Medical Attention/Special Treatment: Immediate medical attention should not be required.

5. Firefighting Measures

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

Specific Hazards Arising From the Chemical: Non-Flammable. Closed containers may rupture if exposed to extreme heat. Thermal decomposition may produce carbon monoxide and carbon dioxide.

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: Avoid contact with eyes. Wear appropriate protective clothing and equipment as described in Section 8.

Methods and Materials for Containment / Cleanup: 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: Avoid contact with eyes. 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 acids, and other incompatible materials. Keep out of the reach of children.

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8. Exposure Controls / Personal Protection

Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
Citric Acid	None Established

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

Personal Protective Equipment

Respiratory Protection: None required under normal use conditions.

Gloves: Chemical resistant gloves recommended if prolonged contact is likely.

Eye Protection: Safety glasses with side-shields recommended if eye contact is possible.

Other Protective Equipment/Clothing: None required under normal use conditions.

9. Physical and Chemical Properties

Appearance and Odor: White, odorless powder.

Physical State: Solid	Odor Threshold: Not applicable
pH: 1.7 (10% Solution)	Specific Gravity: 1.665
Initial Boiling Point/Range: 175° C (347° F)	Vapor Pressure: Not applicable
Melting/Freezing Point: 13° C (307.4° F)	Vapor Density: Not applicable
Solubility In Water: Soluble	Percent Volatile: Not applicable
Viscosity: Not applicable	Evaporation Rate: Not applicable
Coefficient Of Water/Oil Distribution: Not determined	VOC Content: 0%
Flash Point: Not applicable	Autoignition Temp: Not applicable
Decomposition Temperature: 175° C (347° F)	Flammability (solid, gas): Not applicable
Flammability Limits: 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: None expected with normal use.

Conditions To Avoid: None known.

Incompatible Materials: Strong oxidizing agents, and strong bases.

Hazardous Decomposition Products: Thermal decomposition may produce carbon monoxide and carbon dioxide.

11. Toxicological Information

Acute Hazards:

Inhalation: Dust may cause mild irritation.

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Skin Contact: May cause slight skin irritation.

Eye Contact: Causes eye irritation.

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, or OSHA.

Acute Toxicity Values:

Citric Acid: LD 50 Oral rat 5,400 mg/kg.

12. Ecological Information

Ecotoxicity:

Citric Acid: LC50 Golden orfe 440 mg/L/ 48 hr.; EC50: Daphnia magna 1,535 mg/L/24 hr.

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

Labels Required: None

IMDG Dangerous Goods Description:

Proper Shipping Name: Not Regulated

UN Number: None

Hazard Class/Packing Group: None

Labels Required: None

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15. Regulatory Information

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): None

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)

16. Other Information

NFPA Rating (NFPA 704):	Health: 2	Fire: 0	Instability: 0
HMIS Rating:	Health: 2	Fire: 0	Physical Hazard: 0
Date of current revision:	January 7, 2019		