SAFETY DATA SHEET
Earth Juice Crystal pH Up 0-0-47

1. Product And Company Identification

Product Name: **Earth Juice Crystal pH Up 0-0-47**
Product Use: pH adjuster

Material Number(s): 100538618, 100538619, 100538620

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 4, 2019

2. Hazards Identification

GHS/OSHA HazCom2012 Classification: Not classified
GHS/OSHA HazCom2012 Label Elements: None required

Hazards not otherwise specified: None

3. Composition/Information On Ingredients

Component	CAS No.	Amount
Potassium bicarbonate	298-14-6	100%

The exact concentrations are a trade secret.

4. First Aid Measures

Inhalation: Remove to fresh air. If irritation or pulmonary symptoms develop, consult a physician.

Skin Contact: Rinse skin with water. Seek medical attention if irritation develops.

Eye Contact: Do not rub eyes. Flush with water, holding eye lids open to assure thorough rinsing. 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: Inhalation of dust may cause minor respiratory irritation. Prolonged inhalation overexposure may result in lung damage.

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

5. Firefighting Measures

Suitable (and Unsuitable) Extinguishing Media: Use media suitable to surrounding fire. **Specific**

Hazards Arising From the Chemical: May produce carbon oxides under fire conditions.

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. Avoid inhalation of dust. Carefully sweep up material, or vacuum taking care not to generate airborne dust. Wear appropriate protective clothing and equipment as described in Section 8.

Methods and Materials for Containment / Cleanup: Collect in a manner to minimize the generation of airborne dusts or vacuum with a high efficiency vacuum cleaner. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

7. Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes. Avoid creating and breathing dusts. Wear protective clothing and equipment as described in Section 8. Use only with adequate ventilation. Minimize the generation and accumulation of dust.

Conditions for Safe Storage, Including Any Incompatibilities:
Protect from physical damage. Store in a cool, well-ventilated area away from strong oxidizers, strong acids, and other incompatible materials.

8. Exposure Controls / Personal Protection

Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
Potassium bicarbonate (as particulates not otherwise classified.)	15 mg/m^3 TWA total dust, 5 mg/m^3 TWA respirable fraction OSHA PEL

Appropriate Engineering Controls: General ventilation should be adequate for normal use. Provide local exhaust ventilation where product is processed in a manner that generates excessive dust.

Personal Protective Equipment

Respiratory Protection: If exposures are excessive or irritation is experienced, wear an approved particulate 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: Wear protective gloves to minimize skin contact.

Eye Protection: Wear safety glasses with side shields or dust proof goggles.

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

9. Physical and Chemical Properties

Appearance and Odor: White odorless powder.

Physical State: Solid		**Odor Threshold:** Not determined
pH: 8.2 for 1% solution at 25°C		**Specific Gravity:** 2.17
Initial Boiling Point/Range: Not determined		**Vapor Pressure:** Not applicable
Melting/Freezing Point: 212-392°F (100-200°C) Decomposes		**Vapor Density:** Not applicable
Solubility In Water: 23% @ 20°C		**Percent Volatile:** Not determined
Viscosity: Not applicable		**Evaporation Rate:** Not determined
Coefficient Of Water/Oil Distribution: Not determined		**VOC Content:** 0%
Flash Point: Not applicable		**Autoignition Temp:** Not Determined
Decomposition Temperature: 212-392°F (100-200°C)		**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 expected with normal use.
Incompatible Materials: Strong oxidizing agents, and strong acids.
Hazardous Decomposition Products: Release oxides of carbon under fire conditions.

11. Toxicological Information

Acute Hazards:

Inhalation: Dust may cause mild irritation.

Skin Contact: May cause mild skin irritation.

Eye Contact: May cause mild eye irritation.

Ingestion: Swallowing large amounts may cause gastrointestinal disturbances.

Chronic Hazards: Prolonged inhalation overexposure to dusts may result in lung damage.

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

Acute Toxicity Values:

Potassium bicarbonate: Not acutely toxic.

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
Labels Required: None

IMDG Dangerous Goods Description:
Proper Shipping Name: Not Regulated
UN Number: None
Hazard Class/Packing Group: None
Labels Required: None

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): Non-hazardous

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)

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.

16. Other Information

NFPA Rating (NFPA 704):	Health: 0	Fire: 0	Instability: 0
HMIS Rating:	Health: 0	Fire: 0	Physical Hazard: 0

Date of current revision: January 4, 2019