

Safety Data Sheet

Material Name: Earth Juice Microblast

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

Earth Juice Microblast

Synonyms

100210145, 100210146, 100210147, 100210148, 100210149, 100210150

Product Use

Fertilizer

Restrictions on Use

Not for Human or Animal Consumption

Details of the supplier of the safety data sheet

OGM-Hydro Organics Wholesale, Inc.

295 Convair Avenue

Chico, CA 95973-9013

USA

E-mail: info@hydro-organics.com

General Information: 1-530-680-7235

Emergency: 1-800-305-1446

Transportation Emergency: CHEMTREC: 1-800-424-9300

Transportation Emergency: CHEMTREC: 1-703-527-3889 Outside US, collect calls accepted

Section 2 - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

Serious Eye Damage/Eye Irritation - Category 2A

GHS Label Elements

Symbol(s)



Signal Word

Warning

Hazard Statement(s)

Causes serious eye irritation.

Precautionary Statement(s)

Prevention

Wear eye protection/face protection.

Wash thoroughly after handling.

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 advice/attention.

Storage

None needed according to classification criteria.

Disposal

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Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
77-92-9	Citric acid	1-5
--	Other ingredients	90-100

The chemical identity and/or percentage of composition is being withheld as a trade secret.

Section 4 - FIRST AID MEASURES

Inhalation

IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops or persists.

Eyes

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.

Ingestion

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.

Most Important Symptoms/Effects

Acute

Causes serious eye irritation.

Delayed

No information available

Note to Physicians

Treat symptomatically and supportively.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Use extinguishing agents appropriate for surrounding fire.

Unsuitable Extinguishing Media

Water may be ineffective.

Special Hazards Arising from the Chemical

No information available

Hazardous Combustion Products

Oxides of nitrogen

Advice for firefighters

Wear suitable protective clothing.

Fire Fighting Measures

Wear full protective fire fighting gear including self contained breathing apparatus (SCBA) for protection against possible exposure.

Section 6 - ACCIDENTAL RELEASE MEASURES

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Personal Precautions, Protective Equipment and Emergency Procedures

Avoid contact with eyes. Wear personal protective clothing and equipment.

Methods and Materials for Containment and Cleaning Up

Stop leak if safe to do so. Collect with absorbent into suitable container. Dispose in accordance with all applicable regulations.

Environmental Precautions

Avoid release to the environment. Prevent entry into sewers, drains, ditches, underground or confined spaces and waterways.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Observe good hygiene and safety practices when handling this product. Avoid contact with eyes. Do not ingest. Seek medical attention if material is ingested. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

Conditions for Safe Storage, Including any Incompatibilities

Keep container tightly closed in a cool, well-ventilated place. Keep dry.

Incompatible Materials

Strong alkalines

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

EU - Occupational Exposure (98/24/EC) - Binding Biological Limit Values and Health Surveillance Measures

There are no biological limit values for any of this product's components.

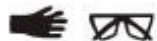
ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI)

There are no biological limit values for any of this product's components.

Engineering Controls

If exposure limits have not been established, maintain airborne levels to an acceptable level. Maintain eye wash fountain and quick-drench shower in work area.

Individual Protection Measures, such as Personal Protective Equipment



Eye/face protection

Wear appropriate safety glasses to prevent eye contact.

Skin Protection

Protective clothing is not required, but recommended.

Respiratory Protection

Where concentrations exceed exposure limits or airborne exposure is likely, use NIOSH approved respiratory protection equipment appropriate for the material and its components.

Glove Recommendations

Protective gloves are not required, but recommended.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	thin slurry	Physical State	liquid
Odor	earthy	Color	Light, green to brown

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Odor Threshold	Not available	pH	2.4-3.0
Melting Point	Not available	Boiling Point	Not available
Freezing point	Not available	Evaporation Rate	Not available
Boiling Point Range	Not available	Flammability (solid, gas)	Not available
Autoignition	Not available	Flash Point	Not available
Lower Explosive Limit	Not available	Decomposition temperature	Not available
Upper Explosive Limit	Not available	Vapor Pressure	Not available
Vapor Density (air=1)	Not available	Specific Gravity (water=1)	Not available
Water Solubility	Soluble	Partition coefficient: n-octanol/water	Not available
Viscosity	Not available	Solubility (Other)	Not available
Density	Not available	VOC	0 %
Molecular Weight	Not available		

Section 10 - STABILITY AND REACTIVITY

Reactivity

Under normal conditions, no hazard is expected.

Chemical Stability

Stable under normal conditions of use. Unstable at elevated temperatures.

Possibility of Hazardous Reactions

Will not polymerize.

Conditions to Avoid

None known

Incompatible Materials

Strong alkalines

Hazardous decomposition products

Oxides of nitrogen

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Inhalation

Under normal conditions of use, no health effects are expected.

Skin Contact

Under normal conditions of use, no health effects are expected.

Eye Contact

Causes serious eye irritation.

Ingestion

Under normal conditions of use, no health effects are expected.

Acute and Chronic Toxicity

Component Analysis - LD50/LC50

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The components of this material have been reviewed in various sources and the following selected endpoints are published:

Citric acid (77-92-9)

Oral LD50 Rat 3 g/kg

Immediate Effects

Causes serious eye irritation.

Delayed Effects

No information on significant adverse effects.

Irritation/Corrosivity Data

Causes serious eye irritation.

Respiratory Sensitization

No information on significant adverse effects.

Dermal Sensitization

No information on significant adverse effects.

Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, NTP, DFG or OSHA

Germ Cell Mutagenicity

No information on significant adverse effects.

Tumorigenic Data

No information on significant adverse effects.

Reproductive Toxicity

No information on significant adverse effects.

Specific Target Organ Toxicity - Single Exposure

No target organs identified

Specific Target Organ Toxicity - Repeated Exposure

No target organs identified

Aspiration hazard

No information on significant adverse effects.

Medical Conditions Aggravated by Exposure

No information on significant adverse effects.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity

Avoid release to the environment.

Component Analysis - Aquatic Toxicity

Citric acid	77-92-9
Fish:	LC50 96 h Lepomis macrochirus 1516 mg/L [static]

Persistence and Degradability

No information available

Bioaccumulative Potential

No information available

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods

This product, if discarded, is not expected to be a characteristic or listed hazardous waste. Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 14 - TRANSPORT INFORMATION

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US DOT Information:
UN/NA #: Not regulated

IATA Information:
UN#: Not regulated

ICAO Information:
UN#: Not regulated

IMDG Information:
UN#: Not regulated

Section 15 - REGULATORY INFORMATION

U.S. Federal Regulations

None of this products components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

SARA Section 311/312 (40 CFR 370 Subparts B and C)

Acute Health: No **Chronic Health:** No **Fire:** No **Pressure:** No **Reactivity:** No

U.S. State Regulations

None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA

Not listed under California Proposition 65

International Inventories

US	Canada
Complies with TSCA	All components are listed either on the DSL or NDSL

Section 16 - OTHER INFORMATION

HMIS Rating

Health: 0 Fire: 1 Reactivity: 1

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

NFPA Ratings

Health: 0 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Summary of Changes

New SDS: 05/03/2016

Other Information

Disclaimer:

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.