

Safety Data Sheet

Issuing Date 02/25/2018 Revision Date 12/03/2017

Revision Number 1

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

Product Identification

Product Name	Earth Juice Rootstock Gel
<u>Synonyms</u>	None
<u>Recommended Use</u>	Fertilizer
<u>Uses to Avoid</u>	Not for Human or Animal Consumption

Safety Data Sheet Supplier

Supplier Name	Hydro-Organics Wholesale, Inc
Supplier Address	295 Convair Ave Chico, Ca. 95973 United States
<u>Company Phone Number</u>	Phone: 530-895-1758
<u>Emergency Telephone Number</u>	Phone: 800-222-1222 Poison Control Center

2. HAZARDS IDENTIFICATION

Classification

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

EMERGENCY OVERVIEW

This product contains no substances which at the current concentration is considered to be hazardous to health.

Physical State:	Liquid
Appearance:	Slightly Congealed Light Brown Color
Odor:	Earthy, Herbal
Precautionary Statements:	Review instructions prior to use
Prevention:	None
Response:	None
Storage:	None
Disposal:	None
Hazards not otherwise classified (HNOC):	None
Unknown Toxicity:	95% of the mixture consists of ingredients of unknown toxicity
Interactions with Other Chemicals:	
Other information:	

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product contains no substances which at the current concentration is considered to be hazardous to health.

4. FIRST AID MEASURES

Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a Physician
Skin Contact	Wash with soap and water
Inhalation	Move to fresh air.
Ingestion	Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person.
Most Important symptoms	
Acute:	No information available
Delayed:	No information available
Notes to Physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Dry chemical, CO2, water spray or regular foam
Unsuitable Extinguishing Media	Use of water spray when fighting fire may be inefficient.
Specific Hazards of the Chemical	No information available
Uniform Fire Code:	No information available
Hazardous Combustion Products	None known based on information supplied
Explosion Data	
Sensitivity to Mechanical Impact	No
Sensitivity to Static Discharge	No
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with eyes.
Environmental Precautions	Prevent product from entering drains or sewer systems. Do not flush into surface water or sewer systems
Methods for Containment	Prevent further leakage or spillage if safe to do so
Methods for Cleaning Up	Contain spill using absorbent material and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes. Do not ingest. If swallowed see medical assistance.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place.
Incompatible Products	In concentrated form with strong concentrated alkali

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines	This product as supplied does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies
Engineering Measures	Showers Eyewash stations Ventilation systems

Personal Protective Equipment

Eye/Face Protection	Avoid contact with eyes. Tightly fitting safety goggles. No special protective equipment required
Skin and Body Protection	Wear protective gloves/clothing. No special protective equipment required
Respiratory Protection	If irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Ventilation or evacuation may be necessary. Respiratory protection must be provided in accordance with current local regulations
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke while using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance:	Slightly Congealed Light Brown Color
Odor:	Earthy, Herbal
Odor	Organic
Odor Threshold	No information available
pH	2.4-3.0
Initial Boiling Point	No data available
Boiling Point/Range	No data available
Melting Point/Range	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Flammable Properties	Not flammable
Flammability Limits in Air	Upper No data available Lower No data available
Vapor Density	No data available
Specific Gravity	1
Water Solubility	Soluble
Solubility in solvents	No data available
Partition Coefficient: (n-octanol/water)	No data available
Autoignition Temperature	No data available
Decomposition Temperature °C	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available
Explosive Properties	No data available
Oxidizing Properties	No data available
MMHG @ 37.8 C	No data available
Softening Point	No data available
VOC Content	0%
Particle Size	No data available

10. STABILITY AND REACTIVITY

Reactivity	No data available
Stability	Stable under recommended storage conditions
Possibility of Hazardous Reactions	None under normal processing
Incompatible Products	None known based on information supplied.
Conditions to Avoid	Do not add water to container.
Hazardous Decomposition Products	None known based on information supplied
Hazardous Polymerization	Hazardous polymerization does not occur
Hygiene Measures practice	Handle in accordance with good industrial hygiene and safety

11. TOXICOLOGICAL INFORMATION

Product Information

Inhalation	Specific test data for the product or mixture is not available
Eye Contact	Specific test data for the product or mixture is not available
Skin Contact	Specific test data for the product or mixture is not available
Ingestion	Specific test data for the product or mixture is not available
Symptoms	No Information available
Sensitization	No Information available
Mutagenic Effects	No Information available
Carcinogenicity	Contains no ingredient listed as a carcinogen
Reproductive Toxicity	No Information available
STOT - single exposure	No Information available
STOT - repeated exposure	No Information available
Chronic Toxicity	No known effect based on information supplied
Target Organ Effects	No known target organs effected
Aspiration Hazard	No Information available

12. ECOLOGICAL INFORMATION

Ecotoxicity	The environmental impact of this product has not been fully investigated
Persistence and Degradability	No Information available
Bioaccumulation	No Information available
Other adverse effects	No Information available

13. DISPOSAL CONSIDERATIONS

Disposal Method	This product is not a hazardous waste according to Federal regulations (40 CFR 261) unless it is mixed or comes in contact with hazardous materials or the product is altered. Dispose of material in accordance with all federal, state, and local regulations
Contaminated Packaging	Dispose packaging and contents in accordance with all federal, state and local regulations

14. TRANSPORT INFORMATION

DOT	Not regulated
IATA	Not regulated
TDG	Not regulated
MEX	Not regulated
ICAO	Not regulated
IMDG/IMO	Not regulated
RID	Not regulated
ADR	Not regulated
ADN	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
TSCA – United States Toxic Substances Control Act Section 8(b) Inventory	
DSL	All components are listed either on the DSL or NDSL
DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List	

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990

Comprehensive Environmental Response Compensation and Liability Act (CERCLA)
This product does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302), the Superfund Amendments and Reauthorization Act (SARA) (40CFR 355). There may be local, regional or state level reporting requirements regarding releases of this product

U.S. State Regulations

U.S. State Right-To-Know Regulations This product does not contain any substances regulated by state right-to-know regulations

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

International Regulations

Canada

WHMIS Hazard Class Non-controlled

16. OTHER INFORMATION

NFPA	Health Hazards 0	Flammability 0	Instability 0	Physical and Chemical Hazards
HMIS	Health Hazards 0	Flammability 0	Physical Hazard 0	Personal Protection x

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Revision Note

Disclaimer

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet