



Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2012 and GHS Rev 03

Printing Date: March 15, 2017

Revision Date: 12/31/2015

Product Identifier: Gringo Rasta Rhize Up

SECTION 1: IDENTIFICATION

Product Identifier: Gringo Rasta Rhize Up

Product Description: Microbe inoculant

Manufacturer: United Compost & Organics
dba FoxFarm Soil & Fertilizer Company
PO Box 787, Arcata, CA 95518
1900 Bendixsen Street, Samoa, CA 95564
foxfarm@foxfarmfertilizer.com
(800) 436-9327 or (707) 443-4369 for product information
www.foxfarmfertilizer.com

Emergency Telephone Number: (707) 443-4369, M-F 8:30am–5:00pm PST.

SECTION 2: HAZARD(S) IDENTIFICATION

Classifications:

Flammability – Category 0 (intrinsically noncombustible)
Health – Category 1 (irritation or minor reversible injury possible)
Instability/Reactivity – Category 0 (stable)

Pictograms:



Signal Word:

Warning

Hazard Statements:

H335 May cause respiratory irritation

Precautionary Statements:

P102 Keep out of reach of children
P261 Avoid breathing dust
P264 Wash skin thoroughly after handling
P304+P340 If inhaled: provide fresh air

Storage:

Store in a dry area. Avoid overheating.

Disposal:

Dispose of contents/containers in accordance with federal, state, and local regulations.

**Safety Data Sheet (SDS)**

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2012 and GHS Rev 03

Printing Date: March 15, 2017

Revision Date: 12/31/2015

Product Identifier: Gringo Rasta Rhize Up**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****Chemical Characterization:** Mixture**Description:** Mixture of substances listed below with nonhazardous additions

Component	CAS Number	%
Kelp	n/a	Trade secret
Humic acid	1415-93-6	Trade secret
Endomycorrhizae, var. genera	n/a	Trade secret
Ectomycorrhizae, var. genera	n/a	Trade secret
Beneficial Bacteria, var. genera	n/a	Trade secret

SECTION 4: FIRST-AID MEASURES**Inhalation:**

If dust causes irritation or distress, remove to fresh air.

Skin Contact:

Thoroughly wash off skin with water. Wash contaminated clothing before re-use.

Eye Contact:

Immediately flush eyes with large amounts of water. Remove contact lenses.

Ingestion:

If swallowed, drink plenty of water. Do not induce vomiting. Call a Poison Center or consult a physician if necessary.

Notes to Physician:

Symptoms: Inhalation may cause upper respiratory tract irritation. Inhalation over long periods of high amounts of any nuisance dust may overload lung clearance mechanism, irritate mucous membranes and make lungs more vulnerable to respiratory disease. May cause irritation to the eyes in case of presence of foreign body.

SECTION 5: FIRE-FIGHTING MEASURES**Suitable Extinguishing Media:**

Material is essentially non-combustible. Use same extinguishing media for surrounding materials.

Specific Hazards During Fire Fighting:

No further relevant information available.

Special Protective Equipment for Fire Fighters:

No special measures required.



Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2012 and GHS Rev 03

Printing Date: March 15, 2017

Revision Date: 12/31/2015

Product Identifier: Gringo Rasta Rhize Up

Further Information:

No further relevant information is available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Avoid inhaling dust.

Protective Equipment:

Not normally necessary. If excessive dust is created use of an appropriate respirator or local exhaust is advised. Protective eyewear should be worn where dust levels are high enough to cause irritation.

Environmental Precautions:

None known.

Methods of Containment and Cleanup

Use appropriate containment methods to prevent spreading. Sweep, scoop or shovel spilled material into an appropriate container. Avoid generating dust.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling:

Avoid breathing dust. Wear personal protective equipment as necessary. Emergency eye wash stations should be in the near proximity to operations presenting a potential eye exposure.

Conditions for Safe Storage, Including Incompatibilities:

Store at ambient temperature in a dry location.

Further Information:

Use good personal hygiene practices. These materials contain microorganisms. Proper precautions are advised to prevent infection of open wounds, inhalation of excessive amounts of dust, and eye irritation. The proper hygiene practices necessary to prevent health hazards from any naturally occurring substance such as dirt, etc. should be observed. After handling material wash hands before eating, drinking, smoking, or using toilet facilities. Keep away from foodstuffs and beverages.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with Occupational Exposure Limits (lists that were valid at creation used as basis):

**Safety Data Sheet (SDS)**

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2012 and GHS Rev 03

Printing Date: March 15, 2017

Revision Date: 12/31/2015

Product Identifier: Gringo Rasta Rhize Up

Component	CAS Number	Type	Value
Nuisance dust	n/a	OSHA PEL	Respirable: 5mg/m ³ ; Total: 15mg/m ³
		ACGIH TLV	Respirable: 5mg/m ³ ; Total: 10mg/m ³

Personal Protective Equipment (PPE)**Engineering Measures:**

No further relevant information available.

Eye Protection:

Safety glasses or goggles are recommended where there is a possibility dust generation.
Ensure that eyewash stations are close to the workstation.

Hand Protection:

Not normally required.

Skin and Body Protection:

Not normally required.

Respiratory Protection:

Avoid creating dust through proper handling. Avoid breathing dust. If dust is created use a respirator approved for nuisance dust of this type.

General Protective and Hygienic Practices:

Emergency eye wash capability should be available in the near proximity to operations presenting a potential eye exposure. Use good personal hygiene practices. After handling material wash hands before eating, drinking, smoking, or using toilet facilities. Keep away from foodstuffs and beverages.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**Appearance:** Pale, chalky dust**Odor:** Earthy**Odor Threshold:** Not determined**pH:** n/a**Specific Gravity (Relative Density):** 2.2**Solubility:** n/a**Melting Point/Freezing Point:** Not determined.

**Safety Data Sheet (SDS)**

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2012 and GHS Rev 03

Printing Date: March 15, 2017

Revision Date: 12/31/2015

Product Identifier: Gringo Rasta Rhize Up**Initial Boiling Point and Boiling Range:** Not determined.**Danger of Explosion:** Material does not present an explosion hazard.**Flammability:** Not determined.**Flash Point:** Not determined.**Auto-Ignition Temperature:** Material is not self-igniting.**Decomposition Temperature:** Not determined.**Vapor Pressure:** Not determined.**Vapor Density:** Not determined.**Evaporation Rate:** Not determined.**Viscosity:** Not determined.**Partition Coefficient (n-octanol/water):** Not determined.**SECTION 10: STABILITY AND REACTIVITY****Reactivity:** No further relevant information.**Chemical Stability:** Material is stable under normal conditions.**Possibility of Hazardous Reactions:** No dangerous reactions known.**Hazardous Decomposition:** No further relevant information**Conditions to Avoid:** Avoid overheating.**Incompatible Materials:** No further relevant information.**SECTION 11: TOXICOLOGICAL INFORMATION****Acute Toxicity****Relevant Numerical Measure of Toxicity:**

n/a

Likely Routes of Exposure:



Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2012 and GHS Rev 03

Printing Date: March 15, 2017

Revision Date: 12/31/2015

Product Identifier: Gringo Rasta Rhize Up

n/a

Immediate Exposure Effects:

n/a

Delayed Exposure Effects:

n/a

Symptoms of Exposure:

Inhalation: May cause upper respiratory irritation.

Eye contact: May cause irritation.

Chronic Toxicity

Relevant Numerical Measure of Toxicity:

n/a

Likely Routes of Exposure:

n/a

Immediate Exposure Effects:

n/a

Delayed Exposure Effects:

n/a

Symptoms of Exposure:

Inhalation: May cause upper respiratory irritation.

Eye contact: May cause irritation.

Carcinogenic Categories

IARC (International Agency for Research on Cancer):

None of the ingredients are listed.

NTP (National Toxicology Program):

None of the ingredients are listed.

OSHA (Occupational Health & Safety Administration):

None of the ingredients are listed.

SECTION 12: ECOLOGICAL INFORMATION

General Notes:

Avoid discharge into lakes, streams or ponds.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal:

Dispose of container and unused contents in accordance with federal, state and local requirements.



Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g), Rev. 2012 and GHS Rev 03

Printing Date: March 15, 2017

Revision Date: 12/31/2015

Product Identifier: Gringo Rasta Rhize Up

Further Information:

Waste of this product is not defined as hazardous.

SECTION 14: TRANSPORT INFORMATION

General Notes:

No further relevant information available.

SECTION 15: REGULATORY INFORMATION

OSHA Hazards

None of the ingredients are listed.

TSCA (Toxic Substances Control Act)

None of the ingredients are listed.

California Prop. 65

None of the ingredients are listed.

SARA Hazards

None of the ingredients are listed.

EPA (Environmental Protection Agency)

None of the ingredients are listed.

TLV (Threshold Limit Value Established by ACGIH)

None of the ingredients are listed.

NIOSH (National Institute for Occupational Safety and Health)

None of the ingredients are listed.

SECTION 16: OTHER INFORMATION

The information and recommendations provided in this Safety Data Sheet are accurate to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship.