



Safety Data Sheet (SDS)

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

Printing Date: March 3, 2020

Revision Date: 4/12/2017

Product Identifier: Gringo Rasta pH Up

SECTION 1: IDENTIFICATION

Product Identifier: Gringo Rasta pH Up

Product Description: Liquid pH adjuster

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

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

SECTION 2: HAZARD(S) IDENTIFICATION

Classifications:

Flammability – 0 (Intrinsically noncombustible)
Health – Category 3 (Causes severe skin burn and eye damage)
Instability/Reactivity – 1 (Reacts non-violently with water)

Pictograms:



Signal Word: Danger

Hazard Statements:

H314 Causes severe skin burn and eye damage.
H302 Harmful if swallowed
H290 May be corrosive to metals

Precautionary Statements:

P102 Keep out of reach of children
P234 Keep in original container
P260 Avoid breathing vapors, mist or spray
P262 Do not get in eyes, on skin, or clothing
P264 Wash skin thoroughly after handling
P281 Use personal protective equipment as required

Storage: Store in a safe manner in original container. Close lid tightly.

Disposal:



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P501 Dispose of contents/container in accordance with federal, state and local regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: Mixture

Component	CAS Number	%
Potassium hydroxide	1310-58-3	Trade secret
Humic acid (Leonardite)	1415-93-6	Trade secret
Water	7732-18-5	Trade secret

The specific identity and/or exact percentage of composition is not provided because it is a trade secret.

SECTION 4: FIRST-AID MEASURES

Inhalation:

If vapors, mist or spray cause irritation or distress, remove affected person to fresh air. Seek medical attention if necessary.

Skin Contact:

Immediately remove all contaminated clothing. Flush contaminated skin with plenty of water. Seek medical attention if necessary. Wash contaminated clothing before reuse.

Eye Contact:

Immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Seek medical attention.

Ingestion:

Rinse mouth with plenty of water. Do not induce vomiting. Seek medical attention.

Notes to Physician:

Treat symptomatically. Causes severe skin burn and eye damage. Contact poison treatment specialist immediately if large quantities have been ingested. Harmful if swallowed.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Water spray, dry chemical, carbon dioxide, foam.



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Specific Hazards During Fire Fighting:

No further relevant information is available.

Special Protective Equipment for Fire Fighters:

Wear protective clothing and equipment.

Further Information:

No further relevant information is available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Avoid contact with skin and eyes. Avoid inhalation of vapors, mist or spray. Keep unprotected persons away. Do not swallow.

Protective Equipment:

Wear protective clothing, protective gloves and eye protection.

Environmental Precautions:

Avoid discharge into environment.

Methods of Containment and Cleanup

Contain all spills and leaks to prevent discharge into the environment. Use appropriate tools to transfer spill material to proper disposal container, or recover material and use it for its intended purpose.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling:

Wear personal protective equipment. Emergency eye wash stations should be in the near proximity to operations presenting a potential splash exposure. Avoid formation of spray, mist or vapor.

Conditions for Safe Storage, Including Incompatibilities:

Store in a cool, dry, well-ventilated area away from direct sunlight. Keep containers tightly closed when not in use. Avoid overheating or freezing.

Further Information:

Use good personal hygiene practices. After handling material wash hands before eating, drinking, smoking, or using toilet facilities. Keep away from foodstuffs and beverages.



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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Component	CAS Number	Type	Value
n/a	n/a	n/a	n/a

Personal Protective Equipment (PPE)

Engineering Measures:

No further relevant information available.

Eye Protection:

Eye protection is required. Ensure that eyewash stations are close to the workstation.

Hand Protection:

To prevent skin contact wear chemical resistant gloves as necessary.

Skin and Body Protection:

Wear protective clothing as necessary to prevent skin contact. Promptly remove contaminated clothing and launder before re-use.

Respiratory Protection:

No special equipment required. Avoid fine spray/mist through proper handling. Avoid breathing mist.

General Protective and Hygienic Practices:

Emergency eye wash capability should be available in the near proximity to operations presenting a potential splash exposure. Avoid skin 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: Brown liquid

Odor: Slight odor

Odor Threshold: Not determined

pH: 13-15

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Product Identifier: Gringo Rasta pH Up**Specific Gravity (Relative Density):** 1.436 +/- 0.05**Solubility:** Soluble**Melting Point/Freezing Point:** 0°C (32°F)**Initial Boiling Point and Boiling Range:** >100°C/212°F**Danger of Explosion:** Material does not present an explosion hazard.**Flammability:** n/a**Flash Point:** n/a**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 viscous.**Partition Coefficient (n-octanol/water):** Not determined.**SECTION 10: STABILITY AND REACTIVITY****Reactivity:** Reacts violently with acids. Reacts exothermically on dilution with water. Reacts with ammonium salts liberating ammonia gas. Corrosive to aluminum, tin and zinc.**Chemical Stability:** Stable under normal conditions. Absorbs carbon dioxide from the air.**Possibility of Hazardous Reactions:** Reacts violently with acids. Reacts with reducing sugars to produce carbon monoxide.**Hazardous Decomposition:** No known hazardous decomposition products.**Conditions to Avoid:** Avoid heat.



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Incompatible Materials: Incompatible with acids, chlorinated hydrocarbons, ammonium salts, and many metals.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Relevant Numerical Measure of Toxicity:

Data not available.

Likely Routes of Exposure:

Eye contact, skin contact, inhalation, ingestion. Ingestion is not expected to be a likely route of exposure through normal product use.

Immediate Exposure Effects:

Eye contact: Causes severe eye damage.

Skin contact: Causes severe skin burn.

Inhalation: May cause respiratory irritation or distress.

Ingestion: Harmful if swallowed. May cause serious damage of the gastrointestinal tract which can lead to vomiting and severe stomach pain.

Delayed Exposure Effects:

Data not available.

Symptoms of Exposure:

Skin and/or Eye contact: Causes severe skin burn and eye damage.

Inhalation: May cause upper respiratory irritation or distress.

Ingestion: May cause vomiting and severe stomach pain.

Chronic Toxicity

Relevant Numerical Measure of Toxicity:

Data not available.

Likely Routes of Exposure:

Eye contact, skin contact, inhalation, ingestion. Ingestion is not expected to be a likely route of exposure through normal product use.

Immediate Exposure Effects:

Eye contact: Causes severe eye damage.

Skin contact: Causes severe skin burn.

Inhalation: May cause respiratory irritation or distress.

Ingestion: Harmful if swallowed. May cause serious damage of the gastrointestinal tract which can lead to vomiting and severe stomach pain.

Delayed Exposure Effects:

Data not available.

Symptoms of Exposure:

Skin and/or Eye contact: Causes severe skin burn and eye damage.

Inhalation: May cause upper respiratory irritation or distress.

Ingestion: May cause vomiting and severe stomach pain.



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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 to environment. Report spills and releases, as applicable, under federal and state regulations.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal:

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

Further Information:

Do not dispose of in sewage system.

SECTION 14: TRANSPORT INFORMATION

DOT

UN Number: 1814
UN Proper Shipping Name: Potassium hydroxide solution
Transport Hazard Class: 8 – Corrosive
Packing Group: II
Environmental Hazards: Not available.
Special Precautions for User: Not Available.

IATA

UN Number: 1814
UN Proper Shipping Name: Potassium hydroxide solution



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Transport Hazard Class: 8 – Corrosive
Packing Group: II

IMDG

UN Number: 1814
UN Proper Shipping Name: Potassium hydroxide solution
Transport Hazard Class: 8 – Corrosive
Packing Group: II

SECTION 15: REGULATORY INFORMATION

OSHA Hazards

Subject to “Right-To-Know” legislation in the following states:

New Jersey: Potassium hydroxide (CAS# 1310-58-3)

Pennsylvania: Potassium hydroxide (CAS# 1310-58-3)

TSCA (Toxic Substances Control Act)

Potassium hydroxide (CAS#1310-58-3) is listed under the Toxic Substance Control Act Inventory.

California Prop. 65

None of the ingredients are listed.

SARA Hazards

SARA 311/312 Hazards

Acute Health Hazard: No

Chronic Health Hazard: No

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactive Hazard: No

SARA 313

This product does not contain any material that is subject to reporting levels established by SARA Title III, Section 313.

EPA (Environmental Protection Agency)

Potassium hydroxide (CAS#1310-58-3) is listed under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA).

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Potassium hydroxide (CAS#1310-58-3) is listed under the National Institute for Occupational Safety and Health (NIOSH).

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.