



P.O. Box 34645 • Omaha, NE 68134 • Toll-Free: 800-698-4641 • Phone: 402-339-4459 • Fax: 402-339-5011 • www.ArborSystems.com

Labeled for distribution in California, USA

1. PRODUCT IDENTIFICATION

Product Name: GreenTree Pro™ Nutriboosters™ 0-15-10

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS Number	Percent
Available Phosphoric Acid (P ₂ O ₅)	7664-38-2	15.0%
Soluble Potash (K ₂ O)	1310-58-3	10.0%
Ferric Ammonium Citrate (Fe)	1185-57-5	8.0%

Derived from: Phosphoric Acid, Potassium Hydroxide, Ferric Ammonium Citrate

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

3. HAZARDS IDENTIFICATION

Primary Route of Exposure: Ingestion

Exposure/Health Effects:

Eye Contact: Contact with eyes may cause irritation.

Skin Contact: Prolonged contact with skin may cause irritation.

Respiratory/Inhalation: No adverse effects expected.

Ingestion: May cause gastrointestinal tract irritation.

4. FIRST AID MEASURES

Have the product container, label, or Material Safety Data Sheet with you when calling a poison control center or doctor, or going for treatment.

Ingestion: Immediately call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Skin: Take off contaminated clothing. Immediately rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Notes to Physician: No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES

Flash Point: Not determined

Flammable Limits: Not determined

Fire Extinguishing Media: Not considered a fire hazard. Use any means suitable for extinguishing surrounding fire.

Fire and Explosion Hazards: Not considered to be an explosion hazard. No unusual fire hazards.

6. ACCIDENTAL RELEASE MEASURES

Action to Take for Spills: Ventilate area of spill. Contain spill, and then soak up with absorbent material. Dispose as waste in a suitable container. Prevent runoff.

Ensure compliance with local, State, and Federal regulations.

7. HANDLING AND STORAGE

Precautions to be Taken in Handling and Storage: Keep out of reach of children. Avoid container breakage. Do not ingest. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Wash exposed clothing before reuse. Store in a cool, dry area in closed container or pack.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment (PPE): Use safety glasses and chemical-resistant gloves when handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark brown or dark green liquid

Odor: Odorless or slight ammoniacal

Bulk Density: 1.37 gram/ml

Solubility in Water: Virtually complete

Boiling Point: Not determined

Melting Range: Not applicable

Vapor Pressure: Not determined

Vapor Density: Not determined

pH: 3.5 to 4.5 (5%)

Volatile Components: Not applicable

Freezing Point: Not determined

Evaporation Rate: Not determined

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions

Conditions to Avoid: None known

Incompatibility (Materials to Avoid): None known

Hazardous Decomposition Products: Ammonia, oxides of phosphorous and potassium

Hazardous Polymerization: Does not occur

11. TOXICOLOGICAL INFORMATION

General Information: Very low toxicity for humans and animals. Health injuries are not known or expected under normal use.

Eye: May cause slight irritation or eye damage if untreated.

Skin: Prolonged exposure may cause slight skin irritation.

Ingestion: May cause gastrointestinal upset, abdominal pain, and diarrhea.

Inhalation: Vapors are unlikely due to physical properties.

12. ECOLOGICAL INFORMATION

Environmental Data: Do not apply directly to water bodies (lakes, rivers, streams) or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes.

13. DISPOSAL CONSIDERATIONS

Disposal Method: Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site per label use directions, or at an approved waste disposal facility. Follow all local, State, and Federal requirements for disposal.



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14. TRANSPORT INFORMATION

DOT Shipping Name: Phosphoric Acid, hazard class 8, UN number UN1805, packing group III.

DOT Shipping Name: Potassium hydroxide, hazard class 8, UN number UN1813, packing group II.

15. REGULATORY INFORMATION

TSCA:

CAS# 7664-38-2 is listed on the TSCA inventory.

CAS# 1310-58-3 is listed on the TSCA inventory.

Health & Safety Reporting List: None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules: None of the chemicals in this product are under a Chemical Test Rule.

Section 12b: None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule: None of the chemicals in this material have a SNUR under TSCA.

SARA:

Section 302 (RQ): CAS# 7664-38-2: final RQ = 5000 lbs (2270 kg)

CAS# 1310-58-3: final RQ = 1000 lbs (454 kg)

Section 302 (TPQ): None of the chemicals in this product have a TPQ.

SARA Codes: CAS# 7664-38-2: acute. CAS# 1310-58-3: acute, reactive.

Section 313: No chemicals are reportable under Section 313.

Clean Air Act: This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.

Clean Water Act: CAS# 7664-38-2 and CAS# 1310-58-3 are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA: None of the chemicals in this product are considered highly hazardous by OSHA.

State

CAS# 7664-38-2 and CAS# 1310-58-3 can be found on the following state right-to-know lists: California, New Jersey, Florida, Pennsylvania, Minnesota, Massachusetts.

California No Significant Risk Level: None of the chemicals in this product are listed.

16. OTHER INFORMATION

The information given here is not necessarily exhaustive but is representative of relevant, reliable data.

Follow all local/regional/national/international regulations.

Please consult supplier if further information is needed.

All tests were conducted following OECD guidelines for Good Laboratory Practices (GLP).

This Material Safety Data Sheet (MSDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA-APPROVED PRODUCT LABELING (attached to and accompanying the product container). This MSDS provides important health, safety, and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use, while the labeling provides that information specifically for product use in the ordinary course. Use, storage and disposal of pesticide products are regulated by the EPA under the authority of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) through the product labeling, and all necessary and appropriate precautionary, use, storage, and disposal information is set forth on that labeling. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

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