

Nutrient Enhancers

The GreenSafe™ System – Nutrient Enhancers

Our Goal

We are the innovative company dedicated to wider application of all-natural ingredients for sustainable growing. We apply the centuries-old sustainable agricultural system turbocharged by the latest Agri-nanotechnology.

Ag Shift to the Biological Model

Our 100% biodegradable, toxin free products reduce or replace Industrial Model for agriculture. Harmful residues risk is controlled for gardens, orchards, greenhouses, farms, and homes. This breaks the cycle of soil, crop, work area, home, and environment contamination.



GreenSafe™ Nutrient Enhancers

Our team invites you to learn more about our optimum blends of beneficial plant extracts turbocharged with nanotechnology for soil and plant application. Our nutrient enhancers reduce or replace synthetic chemicals.

GreenSafe™ Plant Amendment

Often fertilizer uptake by plants is 40% or less of what is applied. The rest becomes bound up blocking flow to the roots and then the plants. Plant Amendment makes those nutrients available, improves

aeration, increases percolation, then increases uptake by roots.

GreenSafe™ Foliar Spray

Plants absorb nutrients and water through their roots, but photosynthesis – the process by which plants create their fuel – occurs in the leaves. Therefore, plants need to get fluids and nutrients from the ground up through their stems to their parts that are above ground level. Foliar Spray works synergistically with Plant Amendment to boost moisture and nutrient flow inside the plant and through the leaves.



Product Details Attached:

- ① Plant Amendment (Outdoor)
- ② Foliar Spray (Outdoor)
- ③ Plant Amendment (Indoor)
- ④ Foliar Spray (Indoor)
- ⑤ Product Application
- ⑥ Safety Data Sheets

GreenSafe™ Plant Amendment (Outdoor)

Optimum blends of beneficial plant extracts that deliver quality and yield to all growers.

Nanotechnology

Natural plants and synthetic fertilizers are incompatible. It is difficult for plants to absorb minerals such as iron, zinc, and synthetic fertilizers. In some cases, plants absorb as little as 30% of applied fertilizers and minerals. As much 70% of applied fertilizers remain unused. A part contaminates drinking water. Another part enters streams, ponds and the ocean causing fish kills, algae streams, and eventually dead zones. After multiple years of synthetic chemical applications soils are saturated with synthetic contaminants. Hair roots are unable to penetrate the soil and absorb minerals, moisture, inorganic nutrients, or oxygen. Applying additional fertilizers does not help. Plants remain malnourished and yields are diminished. Plant Amendment uses the latest advances in nanotechnology. Colloidal micelles are created by blending plant and oil seed extracts at specific time intervals, temperatures, and sequences. These nano-sized mixtures offer inherent advantages over traditional chemicals, in reduced application rate, more rapid and reliable activation and extended long-term affect. Micelles carry water and nutrients throughout plants because they are the size of 10 hydrogen atoms, or one nanometer (a billionth of a meter). They keep stomata clean to transport water, nutrients, and naturel growth enhancers into roots and throughout plants. They supply natural growth stimulators, auxin, gibberellin and cytokinin plant hormones regulate roots, shoots, and bud growth. Transport of sugars (brix) giving a noticeable improvement in flavor and enhanced smell and taste.

Value

Growers report Prime Green costs are exceeded by agrichemical reductions. Soil rescue can release sufficient bound up nutrients to replace all fertilizer application for at least one harvest cycle.

Cost: Plant Amendment (Outdoor) is applied at 5-oz. per acre in at least 20-gallons of water. Application is just prior to final disc or just prior to seeding with till less farming. Then apply 3 more times at 5 oz./acre at even intervals stopping 1-week before harvest. Application cost varies from \$5.86 to \$5.08 per acre depending upon purchase volumes.

Benefits: Hemp Outdoor Cultivation Field Test - A university plant scientist conducted a full harvest cycle test to compare performance between Prime Green products and fertilizer alone. Plant Amendment and Foliar Spray applications brought substantial improvements. CBD Level +22.8% - Biomass +58.4% - Fiber Yield +47.2% - Seeds +9% (See the full report at Our Performanc)

Application

Application Mist a 7-15-ml/gal. solution of water or nutrient mixture weekly. Use this method all the way from seedlings or rooted clones through flowering. Do not spray into open flowers. Adjust your spray technique from mid-flower through finish by only hitting the underside of the lower fan leaves so as not to pack any more liquids onto the ripening buds. Stop when flowers are fully formed. Foliar Spray is compatible with nutrients, insecticides, fungicides, and foliar fertilizers. These guidelines are suggested starting points only. The amount needed is dependent on the size of your plants and the thoroughness of application. Monitor to avoid overfeeding. Customers report reduction of agrichemicals by one third or more.

Storage and Handling

Storage and Handling requires no special procedures or equipment. Plant Amendment is non-hazardous, odor free, 100% biodegradable, 9.2 pH, hypoallergenic plant based chemical blend for which personal protective equipment is not required, containers can be reused, no special disposal is required, spills can be washed away with no concern about the environment. It is stored away from temperature extremes for a shelf life of up to three years. Mix by filling container with ½ of water volume needed, add concentrate to the water then complete filling. Jar testing is recommended for use with nutrients.

Grow with Us!

The GreenSafe™ System can be initiated at any point in a harvest cycle. It is compatible with all agrichemical strategies. Benefits will be observed within weeks with full impact known at harvest.

GreenSafe™ Foliar Spray (Outdoor)

Optimum blends of beneficial plant extracts that deliver quality and yield to all growers.

Foliar Spray outdoor blend is formulated for field and row crops, fruit and nut tree, berry, vegetable, flower, and ornamental application. It can be applied separately or as an adjuvant that blends easily with nutrients to increase their efficiency. It reduces surface tension improving absorption of moisture and nutrients.

Value

- Uptake of nutrients and moisture increased by elevation of the cation exchange capacity (CEC) increasing root size for improved stamina, increased brix, and terpene.
- Levels of natural growth stimulators. Naturally occurring levels of auxin, gibberellin and cytokinin plant hormones regulate roots, shoots, and bud growth and essential oil production.
- The transport of sugars (brix) giving a noticeable improvement in flavor and enhanced smell and taste.
- Control of ripening to extend freshness by neutralizing ethylene gas after harvest.
- Frost and freeze resistance.
- Clean up and keep clean performance for fertigation and spray systems.

Michigan State University scientists proved effectiveness of foliar feeding. They learned; foliar applied nutrients have a 95% effectivity of uptake as opposed to 10% with nutrients applied to the soil. They measured a 65% uptake of nutrients just 25 minutes after application. And they demonstrated that applying nutrients to foliage encourages plants to exude more carbohydrates into the root zone, which in turn increases microbial activity in the root area to increase nutrient uptake from the soil.

Application

Foliar Spray Concentrate is formulated for application at 5-oz. per acre. It is applied diluted with at least 20-gallons of water or nutrient mixture at a cost of \$4.88 - \$3.83 per gallon depending upon order quantity. Growers report agrichemical program reductions made possible by GreenSafe™ exceed its cost. Guidelines are suggested starting points only. The amount needed is dependent on the size of your plants and the thoroughness of application. Monitor to avoid overfeeding. Customers report reduction of agrichemicals by one third or more. Foliar Spray is compatible with foliar fertilizers. Jar testing is recommended. Mix by filling a container with ½ of water volume needed, add concentrate, then add the remaining water volume and mix thoroughly. Spray in low light. It is best to spray early in the morning or otherwise late in the evening, rather than in full sunlight and during the hottest part of the day. This avoids any burning of the leaves due to the 'lens effect' produced when strong sunlight hits water droplets and magnifies. Also, the pore-like stomata of the leaves, through which the plants absorb nutrients, open fully at night, thus allowing a quicker and more efficient intake of the solution.

- Fruits, Nuts and Berries: 1 oz. per 8 gallons of water. Pre-flowering, spray leaves, top and bottom, limbs, and trunk. Repeat at 3-week intervals until blossoms appear. Do not spray blossoms.
- Field and Row Crops: Per acre: Add 5-7 oz. per 7-20-gal. water.
- Flowers and Ornamentals: Test soil pH prior to application. Test application rates between 1oz./4-gal. water for hardier plants, and 1 oz. per 12-gal. for delicate house plants and flowers.
- Freeze/Frost Resistance: 1 oz. per 3-4-gallons. Apply product to leaves and fruit prior to frost. 1 oz. per 8-gallons for subsequent treatments. Post Freeze Recovery: Drench frozen leaves, trunks, and roots as soon as possible.
- Post-Harvest - Toxic Residue Removal and Spoilage Delay: Wash or soak in 2 ounces per gallon solution for 15 minutes. Rinse before consumption.
- Cannabis Cultivation - Contact us for indoor and outdoor cannabis cultivation application.

Guidelines are suggested starting points only. The amount needed is dependent on the size of your plants and the thoroughness of application. Monitor to avoid overfeeding. Customers report reduction of agrichemicals by one third or more. Visit our Web site for field data supporting our claims.

Storage and Handling

No special procedures or equipment are required. F is non-hazardous, odor free, 100% biodegradable, 9.2 pH, hypoallergenic plant based chemical blend for which personal protective equipment is not required, containers can be reused, no special disposal is required, spills can be washed away with no concern about the environment. It is stored away from temperature extremes for a shelf life of up to three years. Mix by filling container with ½ of water volume needed, add concentrate to the water then complete filling. Jar testing is recommended for use with nutrients.

Grow with Us!

The GreenSafe™ System can be initiated at any point in a harvest cycle. It is compatible with all agrichemical strategies. Benefits will be observed within weeks with full impact known at harvest.

GreenSafe™ Plant Amendment (Outdoor)

Optimum blends of beneficial plant extracts that deliver quality and yield to all growers

Agri-Nanotech

Green-Safe-Solutions products are designed to reduce or eliminate risks to ground water, waterways, useful insects, animals, and people from synthetic chemicals used for growing. Nanotechnology is applied to turbocharge the performance of plant chemicals long known as crop boosters. Our proprietary blending process with its specific time intervals, temperatures, and sequences transforms processed plant and oilseed extracts into 2-3 nanometer-sized (1-nanometer = 1 billionth of a meter) colloidal micelles. Millions of these micelles make up GreenSafe™ Plant Amendment.

Performance

Improvements are combined with significantly reduced requirements when micelles encapsulate nutrients with moisture to improve plant uptake and circulation. And the colloidal micelles themselves add naturally occurring levels of auxin, gibberellin, cytokinin, and hormones. natural growth stimulators and amino acids. GreenSafe™ Plant Amendment Stimulate natural processes to enhance nutrient uptake and nutrient efficiency.

- Elevate metabolism during critical growth stages.
- Enhance germination promoting vigorous growth during the seedling or cutting stage.
- Increase cell division in roots and shoots.
- Increase bud growth, sugars (Brix), and essential oil production.
- Bring early plant emergence reducing weeds and their seeds.
- Increase the number of root hairs improving nitrogen fixation to stimulate vegetative growth.
- Increase photosynthesis activity and chlorophyll content are increased.

Application

Indoor growing

- 4 ml/gal. treat rate for irrigation water or nutrient solution.
- Reduce inorganic nutrient levels by 33.3% to avoid overfeeding.
- Soak the blocks for the cuttings to help with strike rate and quicker rooting.
- Put your cutting in the block.
- When potting up your plants repeat this process by soaking your media, i.e. (Coco/soil)
- Now you have rooting clones ready to add nutrient solution.
- Providing the water background is zero EC, start the plants at approximately 0.8 EC. Then add Plant Amendment at 4 ml per gallon.
- Experience has shown that 10-15% run off is enough.
- Now as you monitor EC during growing, for every 0.4 EC drop up the feed by 0.2 to make sure the plants are always at full speed.
- Your EC/ION tester will tell you which elements the plants are taking up so you can adjust keep the minerals at levels the plants are wanting.

Value

Cost: The Plant Amendment addition to irrigation water or nutrient mixture costs 49 cents per gallon to 36 cents per gallon depending upon gallons purchased. A representative application treating 90 medical marijuana plants cost \$912.24 for their life cycle.

Benefit: Yield Increase Added Ounces Value: \$30,988.34 for a return of \$33.97 for each Plant Amendment dollar. Find the full report at the Our Performance tab at our Web site.

Storage and Handling

No special procedures or equipment are required. F is non-hazardous, odor free, 100% biodegradable, 9.2 pH, hypoallergenic plant based chemical blend for which personal protective equipment is not required, containers can be reused, no special disposal is required, spills can be washed away with no concern about the environment. It is stored away from temperature extremes for a shelf life of up to three years. Mix by filling container with ½ of water volume needed, add concentrate to the water then complete filling. Jar testing is recommended for use with nutrients.

Grow with Us!

The GreenSafe™ System can be initiated at any point in a harvest cycle. It is compatible with all agrichemical strategies. Benefits will be observed within weeks with full impact known at harvest.

GreenSafe™ Foliar Spray (Indoor)

Optimum blends of beneficial plant extracts that deliver quality and yield to all growers.

Foliar Spray is an adjuvant that blends easily with nutrients, herbicides, fungicides, and pesticides to increase their efficiency. It reduces surface tension improving absorption of moisture and nutrients to increase growth and quality for all crops. Agrichemicals can be cut back 30% or more and some can be eliminated.

Value

Foliar Spray improves:

- Uptake of nutrients and moisture are increased by elevation of the cation exchange capacity (CEC) increasing root size for improved stamina, increased brix, and terpene.
- Levels of natural growth stimulators. Naturally occurring levels of auxin, gibberellin and cytokinin plant hormones regulate roots, shoots, and bud growth and essential oil production.
- The transport of sugars (brix) giving a noticeable improvement in flavor and enhanced smell and taste.

Michigan State University scientists proved effectiveness of foliar feeding. They learned; foliar applied nutrients have a 95% effectivity of uptake as opposed to 10% with nutrients applied to the soil. They measured a 65% uptake of nutrients just 25 minutes after application. And they demonstrated that applying nutrients to foliage encourages plants to exude more carbohydrates into the root zone, which in turn increases microbial activity in the root area to increase nutrient uptake from the growing medium.

Application

Foliar Spray Concentrate is formulated for addition to water or nutrient mixture at 15 ml (0.5 oz.) per gallon. The cost per gallon of spray solution is 39¢ - 23¢ per gallon depending upon order quantity. Guidelines are suggested starting points only. The amount needed is dependent on the size of your plants and the thoroughness of application. Monitor to avoid overfeeding. Customers report reduction of agrichemicals by one third or more. Mist weekly at low light. Use this method and ratio all the way from seedlings or rooted clones through flowering. Do not spray into open flowers. Adjust your spray technique from mid-flower through finish by only hitting the underside of the lower fan leaves so as not to pack any more liquids onto the ripening buds. Stop when flowers are fully formed. Keep testing and adjusting to be sure you are not applying too much or not enough fertilizer. Guidelines are suggested starting points only. The amount needed is dependent on the size of your plants and the thoroughness of application. Monitor to avoid overfeeding. Customers report reduction of agrichemicals by one third or more. Visit our Web site for field data supporting our claims.

Equipment

For small gardens, where you will only be spraying a few plants, a handy 750 ml spray bottle will be enough for proper treatment. Larger gardens with more plants to spray will require a hand-pumped pressure sprayer available as a 2-liter bottle or in a 5-liter version with a shoulder strap. Foliar Spray users report the added benefit when line and spray plugging ends with all equipment.

Storage and Handling

No special procedures or equipment are required. F is non-hazardous, odor free, 100% biodegradable, 9.2 pH, hypoallergenic plant based chemical blend for which personal protective equipment is not required, containers can be reused, no special disposal is required, spills can be washed away with no concern about the environment. It is stored away from temperature extremes for a shelf life of up to three years. Mix by filling container with ½ of water volume needed, add concentrate to the water then complete filling. Jar testing is recommended for use with nutrients.

Grow with Us!

The GreenSafe™ System can be initiated at any point in a harvest cycle. It is compatible with all agrichemical strategies. Benefits will be observed within weeks with full impact known at harvest.

APPLICATION

GreenSafe™/Purely Green

Indoor – Outdoor Cannabis Cultivation

Indoor Growing

Cleaning: GreenSafe™ Cleaner Concentrate – Prepare a 3-oz./qt. cleaning solution Spray then wipe all that surfaces, pots and tools. This will assure no cross contamination from earlier grows. No rinsing is needed. The cleaner is nonhazardous for people, plants, and the environment. It is hypoallergenic and odor free.

Nutrient Enhancers:

GreenSafe™ Plant Amendment Concentrate - Apply 4 ml per gallon of water with or without fertilizer. Apply to all water used to spray seeds/cuttings and used for irrigation. Use daily from cloning to harvest in any medium and hydroponics. For hydroponic growing reduce mineral nutrients by one third to avoid over feeding. For all other growing monitor then adjust feeding. Grower report reductions from 20-50%.

GreenSafe™ Foliar Spray Concentrate (Indoor): Spray plants weekly with a 15ml per gallon of water or foliar feeding solution.

Outdoor Growing

GreenSafe™ Plant Amendment (Outdoor): Apply 7-oz./acre in at least 20-gallons of water or agrichemical solution at final disc. Then apply at 5-oz./acre 3 more times at even intervals stopping 1-week before harvest. Drip irrigation application is at 1 ounce per 300 gallons of water with or without fertilizer every week of the growing cycle.

GreenSafe™ Foliar Spray (Outdoor): Spray plants weekly with a 15ml per gallon of water or foliar feeding solution.

All Growing

Purely Green Bio-Pesticide Super Concentrate: Don't expect pest and fungus issues when GreenSafe™ Cleaner, Plant Amendment and Foliar Spray are used as recommended. If pest or fungus control is needed, avoid product contamination risk by replacing any soil fumigant, pesticide, or fungicide with Bio-Pesticide. Spray or drench soil and spray plants with 3-oz of concentrate per gallon of water.

Mixing

Fill container halfway with tap water or agrichemical prior to adding concentrate:

- ⊕ Cleaner Conc. 3-oz./qt.
- ⊕ Bio-Pesticide Super Concentrate 3-oz./gal.
- ⊕ Plant Amendment Conc. (Indoor) 4-ml/gal. Irrigation Water (0.14 oz./gal.)
- ⊕ Foliar Spray Conc. (Indoor) 15-ml/gal. (0.5-oz./gal.)
- ⊕ Plant Amendment Conc. (Outdoor) 1st Use: 7-oz./acre – 20gal. water. Then 5-oz.
- ⊕ Foliar Spray Conc. (Outdoor) 5-oz./acre – 20gal. water

Fill container to complete mixing with minimum foaming.

Notes

1. Plant Amendment and Foliar Spray can be mixed with agrichemicals for a single application. Jar testing is recommended to assure compatibility.
2. Bio-Pesticide Not available in Alaska, Alabama, Connecticut, Illinois, Louisiana, Maryland, Maine, Mississippi, New Mexico plus Canada.

Contact Us

There is never a charge for consultations.

www.GreenSafeWorldwide.com

Safety Data Sheet

GreenSafe™ Plant Amendment

SECTION 1 – PRODUCT AND COMPANY INFORMATION

Product
Name: GreenSafe™ Plant Amendment Indoor - Outdoor
Brands: GreenSafe™
Product Family: Phytochemicals
Products Use: All growing and cleaning.
Supplier Name
Green-Safe-Solutions LLC
Address: 3070 Orange Grove Trail – Naples – FL 34120
Telephone: Gary Reid - Florida 239.465-1890
Emergency Phone (800) 424-9300 CHEMTREC
Prepared/Revised: 17 Jul. 17

Further information: If employees are expected to fight fires, training and equipment information can be found in OSHA Fire Brigades Standard (29 CFR 1910.156).

SECTION 2 – HAZARD IDENTIFICATION

Classification of the substance or mixture
Not a hazardous substance or mixture.
GHS Label elements, including precautionary statements
Not a hazardous substance or mixture.
Hazards not otherwise classified or not covered by GHS
HMIS Rating: Health hazard: 0 Chronic Health Hazard:
Flammability: 0 Physical Hazard 0
NFPA Rating: Health hazard: 0 Fire Hazard: 0 Reactivity
Hazard: 0

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Substance There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

SECTION 4 – FIRST AID MEASURES

Description of first aid measures
General advice: Show this SDS to first responders and physicians. Product is not hazardous.
In case of eye contact: Immediately flush with large amounts of cool water. Remove contact lenses, if worn, while rinsing. If eye irritation occurs and persists, get medical advice/attention.
In case of skin (or hair) contact: Immediately wash contaminated skin with large amounts of soap and water. If skin irritation or a rash occurs: Get medical advice/attention.
If inhaled: Remove the person from exposure to fresh air and keep comfortable for breathing. Begin rescue breathing (using universal precautions) if breathing has stopped and CPR if heart action has stopped. If experiencing respiratory symptoms call a POISON CENTER/doctor.
If swallowed: Rinse mouth. Do not induce vomiting due to inhalation risk. Seek immediate medical attention if you feel unwell.
Most important symptoms and effects, both acute and delayed: None known.
Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing Media: Substance is not combustible.
Suitable Extinguishing Media: Not Applicable.
Unsuitable Extinguishing Media: Not Applicable.
Special hazards arising from the substance or mixture: None known.
Advice for firefighters: Product is not combustible. Advice applies to surrounding materials that may be combustible. Wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. (MSHA/NIOSH approved or equivalent).

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Product is not hazardous. However, it is always advisable to be cautious handling any chemical. Avoid breathing mist/spray.
Environmental precautions: Prevent further leakage or spillage. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. Product is not a pollutant requiring notification of spills.
Methods and materials for containment and cleaning up: Contain spilled material if possible. Product is not hazardous so no special disposal measures are required.
Small spills: Absorb liquids in vermiculite, dry sand, earth, or a similar material. Vacuum dry chemicals to avoid creating dust. Never return spills to original containers for re-use. Use water spray to disperse vapors.
Large spills: Dike to contain liquids then recover with a wet vacuum.
Reference to other sections-resources: For additional information, refer to Section 8: Exposure Controls and Personal Protection, Section 7: Handling, Section 12: Ecological Information, Section 13: Disposal Considerations and OSHA Hazardous Waste Operations and Emergency Response Standard (29 CFR 1910.120).

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: Product is not hazardous. However, it is always advisable to be cautious handling any chemical. Avoid breathing mist/spray. If exposed and you feel unwell, contact a physician.
Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a dry and well-ventilated place. Avoid temperature extremes. Containers which are opened should be carefully resealed and kept upright to prevent leakage.
Specific end use: See Section 1.

SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

Control parameters: Under normal conditions of use, no special precautions or control measures are required. Guidelines may not apply to every situation. Industrial hygiene evaluations should be completed at each workplace. Exposure limits are for air levels only.
Component Workplace Exposure Limits: No OSHA – NIOSH – ACGIH exposure limits.
Exposure controls: Appropriate engineering controls: Where possible, enclose operations and use local exhaust ventilation at the site of chemical release. Wear protective work clothing.
Personal protective equipment: Safety glasses and chemical resistant gloves are not required for this product but are recommended whenever chemicals are handled. Obtain detailed information from OSHA Personal Protective Equipment Standard (29 CFR 1910.132) and equipment suppliers.
Eye/face protection: Safety glasses are not required but are recommended. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection: protective gloves/protective clothing. Wash and dry hands after use.
Respiratory protection: Not normally required. Improper use of respirators is dangerous. Respirators should only be used with a written program as described in the OSHA Respiratory Protection Standard (29 CFR 1910.134).

Control of environmental exposure: Avoid release to the environment. Collect spillage. Dispose of contents/container in accordance with regulations.

Evaporation rate: Not Determined
Flammability: Not Applicable

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES
Information on basic physical and chemical properties
Appearance Form: Liquid
Color: Clear to Opaque
Odor: Faint
Odor Threshold: Not Determined
pH: 9.2
Melting point/freezing point: Not Determined / 28°F
Initial boiling point/boiling range: >212°F / ND
Flash point: Non-Combustible
Other safety information VOC: NA
Physical Data is typical values based on material tested but may vary based on composition. Values should not be accepted as guaranteed for every lot or as specifications for this product.

Upper/lower flammability or explosive limits: NA
Vapor pressure: Same as Water
Vapor density: Heavier Than Air
Relative density: Not Determined
Specific gravity: 1.001
Water solubility: Complete
Partition coefficient: n-octanol/water: ND
Auto-ignition temperature: Not Determined
Decomposition temperature: Not Determined
Viscosity: Not Determined
Explosive properties: Not Applicable
Oxidizing properties: Not Determined

SECTION 10 - STABILITY AND REACTIVITY
Reactivity: Not reactive under normal conditions.
Chemical stability: Stable under recommended storage conditions.
Possibility of hazardous reactions: None known.
Conditions to avoid: Avoid excessive heat or cold.
Incompatible materials: Strong oxidizing agents.
Hazardous decomposition products: Does not decompose under normal conditions.
Other decomposition products: None known.

SECTION 14 - TRANSPORT INFORMATION
DOT: Not Regulated - IATA: Not Regulated - IMDG: Not Regulated

SECTION 11 - TOXICOLOGICAL INFORMATION
Information on Toxicological Effects
Component toxicity: Not toxic.
Mixture toxicity: Inhalation - Dermal - Skin corrosion/irritation - Eye damage/eye irritation - Respiratory/skin sensitization - Germ cell mutagenicity - Reproductive toxicity - Specific target organ toxicity - single exposure - Specific target organ toxicity - repeated exposure - Aspiration hazard: All not applicable. - Carcinogenicity: Not a carcinogen. No component of this product present at levels greater than or equal to 0.1% is classified as a carcinogen by the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), or the Occupational Safety and Health Administration (OSHA).
Additional Information: None known.

SECTION 15 - REGULATORY INFORMATION
Federal
TSCA: Components of this product are listed on the TSCA Inventory.
RCRA: None of the ingredients are currently listed as a substance or a source waste under current RCRA regulations (40 CFR 261.31, 32 and 33).
CERCLA: Product is not found on Table 302.4, 40 CFR part 302.
SARA TITLE III: (Superfund Amendments and Reauthorization Act)
Section 301-303 Components (Emergency Planning): No EHS/TPQ components.
Section 304 Components (Emergency Release Notification): No components with release minimum RQ.
Section 311/312 Hazards: None
Section 313 Components: None that exceed the threshold (De Minimis) reporting levels established by Section 313.
States
State Right to Know Components: None
California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
Canada
DSL: This product, or its components, are listed on or are exempt from the Canadian Domestic Substances List.
WHMIS: Uncontrolled product according to classification criteria.

SECTION 12 - ECOLOGICAL INFORMATION
Ecotoxicity
Component ecotoxicity: None known.
Mixture ecotoxicity: Toxicity to Fish - Persistence and Biodegradability - Bioaccumulative Potential - Mobility in Soil: Not toxic.
Other adverse effects: None known.

SECTION 13 - DISPOSAL CONSIDERATION
Waste treatment methods: See Section 15 for ingredients listed under current RCRA regulations (40 CFR 261.31, 32 and 33), Comprehensive Environmental Response, Compensation (CERCLA) Table 302.4, 40 CFR part 302, and SARA TITLE III: (Superfund Amendments and Reauthorization Act) Sections 301-313.
Product: Not special procedures required to dispose of this material.
Contaminated packaging: Empty containers should be disposed of responsibly. No special procedures are required.

SECTION 16 - OTHER INFORMATION
Disclaimer: The information contained herein is offered only as a guide to the handling of these specific products. Since such information does not relate to use of these products with any other products or in processes, any person using this information must determine for himself its suitability for any application. The buyer and user assume all risk and liability of use, storage and/or handling of these products not in accordance with the terms of the product labels. Manufacturer makes no Warranties of any kind, express or implied with respect to this product. Green Safe Solutions, LLC obligations are limited to replacement of product for defective material only. Manufacturer shall not be liable for any injury, loss or damage directly or consequently arising from the misuse or inability to use the product.

Prepared for: Green-Safe Solutions, LLC
By: Mg-Help, LLC

Safety Data Sheet

GreenSafe™ Foliar Spray

SECTION 1 – PRODUCT AND COMPANY INFORMATION

Product

Name: GreenSafe™ Foliar Spray Indoor and Outdoor

Brands: GreenSafe™

Product Family: Phytochemicals

Products Use: All growing and cleaning.

Supplier Name

Green-Safe-Solutions LLC

Address: 3070 Orange Grove Trail – Naples – FL 34120

Telephone: Gary Reid - Florida 239.465-1890

Emergency Phone (800) 424-9300 CHEMTREC

Prepared/Revised: 17 Jul. 17

Further information: If employees are expected to fight fires, training and equipment information can be found in OSHA Fire Brigades Standard (29 CFR 1910.156).

SECTION 2 – HAZARD IDENTIFICATION

Classification of the substance or mixture

Not a hazardous substance or mixture.

GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

Hazards not otherwise classified or not covered by GHS

HMIS Rating: Health hazard: 0 Chronic Health Hazard:

Flammability: 0 Physical Hazard 0

NFPA Rating: Health hazard: 0 Fire Hazard: 0 Reactivity

Hazard: 0

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Substance There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

SECTION 4 – FIRST AID MEASURES

Description of first aid measures

General advice: Show this SDS to first responders and physicians. Product is not hazardous.

In case of eye contact: Immediately flush with large amounts of cool water. Remove contact lenses, if worn, while rinsing. If eye irritation occurs and persists, get medical advice/attention.

In case of skin (or hair) contact: Immediately wash contaminated skin with large amounts of soap and water. If skin irritation or a rash occurs: Get medical advice/attention.

If inhaled: Remove the person from exposure to fresh air and keep comfortable for breathing. Begin rescue breathing (using universal precautions) if breathing has stopped and CPR if heart action has stopped. If experiencing respiratory symptoms call a POISON CENTER/doctor.

If swallowed: Rinse mouth. Do not induce vomiting due to inhalation risk. Seek immediate medical attention if you feel unwell.

Most important symptoms and effects, both acute and delayed: None known.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing Media: Substance is not combustible.

Suitable Extinguishing Media: Not Applicable.

Unsuitable Extinguishing Media: Not Applicable.

Special hazards arising from the substance or mixture: None known.

Advice for firefighters: Product is not combustible. Advice applies to surrounding materials that may be combustible. Wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. (MSHA/NIOSH approved or equivalent).

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Product is not hazardous. However, it is always advisable to be cautious handling any chemical. Avoid breathing mist/spray.

Environmental precautions: Prevent further leakage or spillage. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground. Product is not a pollutant requiring notification of spills.

Methods and materials for containment and cleaning up: Contain spilled material if possible. Product is not hazardous so no special disposal measures are required.

Small spills: Absorb liquids in vermiculite, dry sand, earth, or a similar material. Vacuum dry chemicals to avoid creating dust. Never return spills to original containers for re-use. Use water spray to disperse vapors.

Large spills: Dike to contain liquids then recover with a wet vacuum.

Reference to other sections-resources: For additional information, refer to Section 8: Exposure Controls and Personal Protection, Section 7: Handling, Section 12: Ecological Information, Section 13: Disposal Considerations and OSHA Hazardous Waste Operations and Emergency Response Standard (29 CFR 1910.120).

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: Product is not hazardous. However, it is always advisable to be cautious handling any chemical. Avoid breathing mist/spray. If exposed and you feel unwell, contact a physician.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a dry and well-ventilated place. Avoid temperature extremes. Containers which are opened should be carefully resealed and kept upright to prevent leakage.

Specific end use: See Section 1.

SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

Control parameters: Under normal conditions of use, no special precautions or control measures are required. Guidelines may not apply to every situation. Industrial hygiene evaluations should be completed at each workplace. Exposure limits are for air levels only.

Component Workplace Exposure Limits: No OSHA – NIOSH – ACGIH exposure limits.

Exposure controls: Appropriate engineering controls: Where possible, enclose operations and use local exhaust ventilation at the site of chemical release. Wear protective work clothing.

Personal protective equipment: Safety glasses and chemical resistant gloves are not required for this product but are recommended whenever chemicals are handled. Obtain detailed information from OSHA Personal Protective Equipment Standard (29 CFR 1910.132) and equipment suppliers.

Eye/face protection: Safety glasses are not required but are recommended. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: protective gloves/protective clothing. Wash and dry hands after use.

Respiratory protection: Not normally required. Improper use of respirators is dangerous. Respirators should only be used with a written program as described in the OSHA Respiratory Protection Standard (29 CFR 1910.134).

Control of environmental exposure: Avoid release to the environment. Collect spillage. Dispose of contents/container in accordance with regulations.

Evaporation rate: Not Determined
Flammability: Not Applicable

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance Form: Liquid

Color: Clear to Opaque

Odor: Faint

Odor Threshold: Not Determined

pH: 9.2

Melting point/freezing point: Not Determined / 28°F

Initial boiling point/boiling range: >212°F / ND

Flash point: Non-Combustible

Upper/lower flammability or explosive limits: NA

Vapor pressure: Same as Water

Vapor density: Heavier Than Air

Relative density: Not Determined

Specific gravity: 1.001

Water solubility: Complete

Partition coefficient: n-octanol/water: ND

Auto-ignition temperature: Not Determined

Decomposition temperature: Not Determined

Viscosity: Not Determined

Explosive properties: Not Applicable

Oxidizing properties: Not Determined

Other safety information VOC: NA

Physical Data is typical values based on material tested but may vary based on composition. Values should not be accepted as guaranteed for every lot or as specifications for this product.

SECTION 14 – TRANSPORT INFORMATION

DOT: Not Regulated – IATA: Not Regulated – IMDG: Not Regulated

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: None known.

Conditions to avoid: Avoid excessive heat or cold.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: Does not decompose under normal conditions.

Other decomposition products: None known.

SECTION 15 – REGULATORY INFORMATION

Federal

TSCA: Components of this product are listed on the TSCA Inventory.

RCRA: None of the ingredients are currently listed as a substance or a source waste under current RCRA regulations (40 CFR 261.31, 32 and 33).

CERCLA: Product is not found on Table 302.4, 40 CFR part 302.

SARA TITLE III: (Superfund Amendments and Reauthorization Act)

Section 301-303 Components (Emergency Planning): No EHS/TPQ components.

Section 304 Components (Emergency Release Notification): No components with release minimum RQ.

Section 311/312 Hazards: None

Section 313 Components: None that exceed the threshold (De Minimis) reporting levels established by Section 313.

States

State Right to Know Components: None

California Prop. 65 Components: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Canada

DSL: This product, or its components, are listed on or are exempt from the Canadian Domestic Substances List.

WHMIS: Uncontrolled product according to classification criteria.

SECTION 11 – TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Component toxicity: Not toxic.

Mixture toxicity: Inhalation – Dermal – Skin corrosion/irritation – Eye damage/eye irritation –

Respiratory/skin sensitization – Germ cell mutagenicity –

Reproductive toxicity – Specific target organ toxicity –

single exposure – Specific target organ toxicity – repeated exposure – Aspiration hazard: All not applicable. – Carcinogenicity: Not a carcinogen. No

component of this product present at levels greater than or equal to 0.1% is classified as a carcinogen by the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), or the Occupational Safety and Health Administration (OSHA).

Additional Information: None known.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity

Component ecotoxicity: None known.

Mixture ecotoxicity: Toxicity to Fish – Persistence and Biodegradability – Bioaccumulative Potential – Mobility in Soil: Not toxic.

Other adverse effects: None known.

SECTION 13 – DISPOSAL CONSIDERATION

Waste treatment methods: See Section 15 for ingredients listed under current RCRA regulations (40 CFR 261.31, 32 and 33), Comprehensive Environmental Response, Compensation (CERCLA) Table 302.4, 40 CFR part 302, and SARA TITLE III: (Superfund Amendments and Reauthorization Act) Sections 301-313.

Product: Not special procedures required to dispose of this material.

Contaminated packaging: Empty containers should be disposed of responsibly. No special procedures are required.

SECTION 16 – OTHER INFORMATION

Disclaimer: The information contained herein is offered only as a guide to the handling of these specific products. Since such information does not relate to use of these products with any other products or in processes, any person using this information must determine for himself its suitability for any application. The buyer and user assume all risk and liability of use, storage and/or handling of these products not in accordance with the terms of the product labels. Manufacturer makes no Warranties of any kind, express or implied with respect to this product. Green Safe Solutions, LLC obligations are limited to replacement of product for defective material only. Manufacturer shall not be liable for any injury, loss or damage directly or consequently arising from the misuse or inability to use the product.

Prepared for: Green-Safe Solutions, LLC
By: Mg-Help, LLC