



Purely Green Bio-Pesticide

Safety Data Sheet (SDS)



Approval Ref FAID 070297001

January 2021

SECTION 1 – PRODUCT AND COMPANY INFORMATION

Manufacturer: 1st EnviroSafety, Inc. – 10200 Betsy Parkway – St. James City – Florida 33956
Product Family: U.S. EPA EXEMPT CHEMICALS
Product Name: PURELYGREEN BIO-PESTICIDE
Product is offered as ready-to-Use and concentrate.,

CHEMTREC Emergencies - For Transportation
800.424.9300 or Medical 800.858.7378

SECTION 2 – HAZARD IDENTIFICATION

Classification: Not classified as hazardous according to 29 CFR 1910.1200 (2012)

Certified Carcinogen Free

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Product may contain some, or all, of the following extracts and ingredients processed from natural sources:

Component (CAS Number*)	Peppermint Oil (8006-90-4)
Cinnamon Oil (8015-91-6)	Soybean Oil (8001-22-7)
Garlic Oil (8000-78-0)	Soap (61790-44-1)
Lemongrass Oil (8007-02-1)	Water (7732-18-5)

SECTION 4 – FIRST AID MEASURES

Skin Contact: First aid not normally required. If contaminated by spilled product remove contaminated clothing and shoes. Wash area of contact with soap and water. Wash clothing and decontaminate shoes before reuse. Get medical attention if irritation occurs and persists.

Eye Contact: Remove contact lenses if present. Flush with water until all traces of material are gone. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation occurs and persists.

Inhalation: Remove affected person from source of exposure to fresh air. Give artificial respiration if breathing has stopped. Call for medical attention

Ingestion: Do not induce vomiting because of danger of aspiration into lungs. If spontaneous vomiting occurs, get medical attention.

Most important symptoms and effects, both acute and delayed: Symptoms relating to use not expected to present a significant hazard under anticipated conditions of normal use.

Indication of any immediate medical attention and special treatment needed: None known.

SECTION 5 – FIREFIGHTING MEASURES

Suitable extinguishing media: Product does not burn. Use water spray, dry chemical, foam or CO₂ as applicable for burning materials. Use a water spray to cool fire-exposed containers, structures and to protect personnel. Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full-face mask and full protective equipment.

Unsuitable extinguishing media: None known.

Surrounding fires: Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or mixture: Spilled product may cause a slipping hazard. **Hazardous combustion products:** Under fire conditions, hazardous fumes will be present from surrounding fire. **Advice for fire-fighters:** Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Refer to Section 8: Exposure Control and Personal Protection

Emergency Action: For large spills, isolate the release area and keep unnecessary people away. Exercise caution regarding personnel exposure.

Spill/Leak Procedure: Floor and surfaces may be slippery. Dike with sand or other material. Flush area with water provided runoff does not enter drain or sewer; use absorbent material and dispose of properly.

Notification: Any spill or release to navigable water that causes a visible sheen upon the water must be reported immediately to the National Response Center (800/424-8802), as required by U.S. federal law.

SECTION 7 – HANDLING AND STORAGE

Handling: Wear proper protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. Do not ingest. For intended use only. Use good hygiene practices when handling product, including changing and laundering work clothes after use. Get medical attention if you are exposed and feel unwell. The shipping and storage container is not designed to be pressurized. Do not use pressure to empty the container as it may rupture. Containers should be completely drained, properly closed, and promptly returned to a drum for recondition or disposed of properly. Empty containers may contain residue or vapors. Do not cut, grind, drill, weld or reuse containers.

Storage: Do not store near incompatible chemicals. When possible, store in a dry place at moderate temperatures (above freezing) away from heat and flames. This material is to be handled and applied according to label directions. Keep this product and all chemicals away from children and pets. Keep containers closed when not in use. Do not eat, drink, or smoke while using this product.

SECTION 8 – EXPOSURE CONTROL AND PERSONAL PROTECTION

Engineering Controls: Use appropriate ventilation to maintain airborne concentration limits below recommended exposure limits.

Eye and Face Protection: Not normally needed when used according to directions.

Skin Protection: Not normally needed when used according to directions

Respiratory Protection: Not normally needed.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

General Information:

Physical State: Liquid

Color: Clear to Opaque

Odor: Nondescript

Important Health, Safety and Environment Info

Boiling Point/Range: >212°F

Flash Point: >212°F (Water Based)

Auto Ignition Temp: ND

Lower Flammability Limit: ND

Upper Flammability Limit: ND

Note: 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.

Vapor Pressure (psi @100°F): Same as Water

Vapor Density: Heavier than air

Freezing Point/Melting Point: NA

Solubility (Water): Complete

Specific Gravity: 1.001 (8.338 lbs./gal.)

Evaporation Rate: Same as Water

Viscosity (SSU@ 100°F): NA

pH: 9.5

Other Information:

Volatility: NA

SECTION 10 – STABILITY AND REACTIVITY

Reactivity: Does not react under normal conditions of use.

Chemical Stability: Stable under normal conditions of use.

Stability/Incompatibility: Stable. No known incompatibility issues.

Conditions to Avoid: None known.

Hazardous Reactions/Decomposition Products: None known and does not decompose under normal conditions

SECTION 11 – TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Eyes and Skin

Acute Effects: Non-toxic. LD50 and LC50 not determined for this mixture. Excessive inhalation or ingestion of large amounts of this product may cause irritation or discomfort. Refer to Sections 2 and 4 for recommended actions.

Chronic Effects: Any acute symptoms may be aggravated. May cause eye irritation. Avoid contact with eyes. If irritation occurs, get medical attention. Refer to Sections 2 and 4 for recommended actions.

Carcinogenicity: No components of this product are found to be carcinogens by NTP, IARC or OSHA.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: Product is not classified as an environmental hazard.

Persistence and Degradability: Product is made from components of the environment that will undergo a natural cycle transforming them into both organic and inorganic products. **Product exceeds EPA standards of readily biodegradable.** No special disposal required.

Bio accumulative Potential: Product is not expected to have bioaccumulation or food chain contamination potential. It will not adhere to particulate matter or surfaces and is expected to have high mobility in soil and sediments.

Other Adverse Effects: None anticipated.

SECTION 13 – DISPOSAL CONSIDERATION

US/RCRA Waste Disposal: Methods: This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc. may render the resulting materials hazardous. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

SECTION 14 – TRANSPORT INFORMATION

DOT: Not Regulated

SECTION 15 – REGULATORY INFORMATION

Chemical Inventory Lists: All ingredients are listed on TSCA and DSL. Includes no known cancer-causing chemicals.

SARA (311/312) Reportable Hazard Categories: None

State Right to Know Lists: None

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 particular 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. 1st Enviro-Safety Inc. makes no Warranties of any kind, express or implied with respect to this product. 1st Enviro-Safety's obligations are limited to replacement of product for defective material only. 1st Enviro-Safety shall not be liable for any injury, loss or damage directly or consequently arising from the misuse or inability to use the product. Tell a friend about your success with these products.

Prepared for: 1st Enviro-Safety Inc. By: Mg-Help LLC