

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Identifiers**

**Product Name(s)** EcoSafe® Mosquito X Ultra  
**Product Code(s)** GCX  
**Appearance** Dark reddish brown  
**Physical State** Liquid  
**Odor** Strong garlic aroma

**Recommended Use and Restrictions**

**Recommended Use** Insecticide for control of adult mosquitoes  
**Restrictions for Use** Outdoor Use Only, except as prescribed on the product label

**Manufacturer Information**

**Name** EcoSafe Labs®, Inc.  
**Address** 10132 Monroe Dr. Dallas, Texas 75229  
**Phone Number** 214-329-4772

**Emergency Telephone Number**

**Poison Control Center** 1-800-222-1222

**2. HAZARDS IDENTIFICATION**

**Classification**

**Physical Hazards** Flammable Liquids Category 2  
**Health Hazards** Acute toxicity, oral Category 4  
 Skin Corrosion/irritation Category 2  
 Sensitization Category 1  
**Environmental Hazards** Not Classified

**Label Elements**

**Signal Word** Caution **Hazards Not Otherwise Classified (HNOC)** None  
**Precautionary Statements** Keep Out of Reach of Children **Hazard Symbols(s) / Pictogram(s)** None Required

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight %
Garlic Oil	8000-78-0	27.29%
Thyme Oil Red	8007-46-3	5.0%
Surfactant	Proprietary	67.71%

**4. FIRST AID MEASURES**

**First Aid Measures**

**Inhalation** Move person to fresh air. Call a physician if symptoms develop or persist.  
**Skin** Wash skin with soap and water. If skin irritation occurs, seek medical advice from a physician  
**Eye Contact** Remove contact lenses if easy to do so. Rinse cautiously with clean water for several minutes. If eye irritation persists, get medical attention  
**Ingestion** Call a physician or poison control center immediately. If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs.

**Most Important Symptoms and Effects**

Dermatitis. Rash. Direct contact with eyes may cause temporary irritation. Skin irritation. May cause redness and pain. May cause an allergic skin reaction.

**5. FIRE FIGHTING MEASURES**

**Extinguishing Media**

**Suitable Extinguishing Media**

Water spray, fog, CO2, dry chemical, or alcohol resistant foam

**Unsuitable Extinguishing Media**

Do not use a solid water stream as it may scatter and spread fire

**Specific Hazards Arising from the Mixture**

Fire may produce irritating, corrosive and/or toxic gases

**PPE and Precautions for Firefighters**

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal Precautions**

Use personal protective equipment

**Environmental Precautions**

Prevent further leakage or spillage if safe to do so. Do not contaminate water. Retain and dispose of contaminated wash water. Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment.

**Methods and Materials for Containment and Cleaning Up**

**Methods for Containment**

Eliminate ignition sources. Stop flow of material if safe to do so. Dike spilled material where possible.

**Methods for Cleaning Up**

Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling**

Handle in accordance with good industrial hygiene and safety practices. Do not puncture or incinerate bottles. Do not store bottles above 120°F. Avoid freezing temperatures.

**Conditions for Safe Storage, Including Any Incompatibilities**

Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release. Store in a cool, well-ventilated area.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Control Parameters**

**Exposure Limits**

None known

**Engineering Controls**

Use explosion-proof ventilation equipment

**Personal Protective Equipment (PPE)**

**Respiratory Protection**

None required under normal conditions. General ventilation required

**Eye and Face Protection**

Goggles or other protective eye wear with side shields.

**Skin and Body Protection**

Chemical resistant gloves. Use of an impervious apron is recommended

**General Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice. Do not smoke while using. Keep away from food and drink.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State	Liquid	Lower Explosive Limit (LEL)	Not Available
Appearance / Color	Dark, reddish brown	Vapor Pressure (mmHg)	10 mm Hg @ 25°C
Odor	Strong garlic odor (characteristic)	Specific Gravity (H <sub>2</sub> O = 1)	1.02 gm/ml
pH	5.5 - 7.5	Relative Density	Not Available
Boiling Point	300° - 400° F	Vapor Density	Not Available
Freezing Point	Not Available	Solubility in Water	Soluble
Flash Point	117° F	Partition Coefficient	Not Available
Evaporation Rate	Not Available	Viscosity	Not Available
Upper Explosive Limit (UEL)	Not Available	V.O.C. (weight %)	Not Available

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	Not reactive under normal use and conditions
<b>Chemical Stability</b>	Stable
<b>Possibility of Hazardous Reactions</b>	None known
<b>Conditions to Avoid</b>	Avoid heat, sparks, open flames and other ignition sources
<b>Incompatible Materials</b>	Keep away from strong oxidizers and acids
<b>Hazardous Decomposition Products</b>	None known

**11. TOXICOLOGICAL INFORMATION**

**Potential Routes of Exposure**

<b>Eye Contact</b>	Direct contact with eyes may cause temporary irritation. Causes mild eye irritation.
<b>Skin Contact</b>	Causes skin irritation. May cause an allergic skin reaction
<b>Oral Toxicity</b>	Harmful if swallowed LD50 1360mg/kg (rat)
<b>Dermal Toxicity</b>	Non-toxic
<b>Inhalation Toxicity</b>	No adverse effects due to inhalation are expected

**Component Information**

Refer to section 3

**Information on Toxicological Effects**

<b>Effects of Chronic Exposure</b>	Dermatitis. Rash. Skin irritation. May cause redness or an allergic skin reaction.
<b>Carcinogenicity</b>	Does not contain any known or potential carcinogens as listed by OSHA, IARC, or NTP

**12. ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	This product is not classified as environmentally hazardous. However, large or frequent spills can have a harmful or damaging effect on the environment.
<b>Persistence and Degradability</b>	Not determined
<b>Bioaccumulative Potential</b>	Not determined
<b>Mobility in Soil</b>	Not determined
<b>Environmental Fate</b>	No adverse effects expected

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

<b>Disposal of Wastes</b>	Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies.
<b>Empty Packaging</b>	Offer empty container for recycling. If recycling is not available, discard in trash.

**14. TRANSPORT INFORMATION**

<b>U.S. DOT</b>	Transport Hazard Class 3 - Not regulated if transported non-bulk
<b>IMDG (Marine Transport)</b>	Transport Hazard Class 3
<b>IATA (Air Transport)</b>	Transport Hazard Class 3
<b>Canadian TDG</b>	Transport Hazard Class 3

**15. REGULATORY INFORMATION**

**U.S.**

<b>Toxic Substances Control Act (TSCA)</b>	Not Regulated
<b>California Prop 65</b>	Not Listed

**Canada**

<b>Domestic Substances List (DSL)</b>	This product complies with the inventory requirements under Canada's DSL
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**16. OTHER INFORMATION**

**National Fire Protection Association (NFPA) Rating**

Health	2
Flammability	2
Instability	0
Special Hazards	None noted

**Hazardous Materials Identification System (HMIS) Rating**

Health	2
Flammability	2
Physical Hazards	0
Personal Protection	H

**Disclaimer:**

This product is manufactured and marketed for consumer and commercial use and should be used as directed on the product label for the intended purpose. EcoSafe® Labs, Inc. warrants that this product conforms to our standard specification when released to the market and when used according to directions. To the best of our knowledge, the information contained herein is accurate. However, we do not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any product is the sole responsibility of the user. All products may present unknown hazards and should be used with requisite caution. Although certain hazards may be described herein, we cannot guarantee that these are the only hazards that exist.