

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	36.0%
Thyme Oil Red	8007-46-3	7.65%
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 ₂ 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

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

11. TOXICOLOGICAL INFORMATION

Potential Routes of Exposure

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

Component Information

Refer to section 3

Information on Toxicological Effects

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

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

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

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

<u>U.S.</u>	
Toxic Substances Control Act (TSCA)	Not Regulated
California Prop 65	Not Listed
<u>Canada</u>	
Domestic Substances List (DSL)	This product complies with the inventory requirements under Canada's DSL

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.