

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifiers

Product Name(s)	EcoSafe® Mosquito X MC (Misting Concentrate)
Product Code(s)	MQX
Appearance	Yellowish Brown
Physical State	Liquid
Odor	Rosemary 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
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## 2. HAZARDS IDENTIFICATION

### Classification

Physical Hazards	Flammable Liquids	Category 3
Health Hazards	Acute toxicity, oral	Category 1
	Skin Corrosion/irritation	Category 2
	Sensitization	Category 1
Environmental Hazards	EH-A 2	

### Label Elements

Signal Word	Warning	Hazards Not Otherwise Classified (HNOC)	None
Precautionary Statements	Keep Out of Reach of Children Avoid eye contact	Hazard Symbols(s) / Pictogram(s)	Exclamation Point

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight %
Rosemary Oil	8000-25-7	34.0%
2-Phenylethyl Propionate	122-70-3	5.25%
Lemongrass Oil	8007-02-1	4.75%
Surfactant	Proprietary	56.0%

## 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	If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. Call POISON CONTROL center or a physician if feeling unwell.

### Most Important Symptoms and Effects

Direct contact with eyes may cause severe irritation. May cause skin irritation.

## 5. FIRE FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media**

Use foam, carbon dioxide, or dry chemical.

**Unsuitable Extinguishing Media**

Do not use water 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. Ventilate closed areas. Keep away from ignition sources.

**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**

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. Keep away from fire. Wear appropriate personal protective equipment. Avoid breathing fumes.

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

Keep container closed. Avoid freezing temperatures. Protect from sunlight. Store in a well-ventilated area.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control Parameters

**Exposure Limits**

None known

**Engineering Controls**

Use adequate ventilation to remove vapors.

### Personal Protective Equipment (PPE)

**Respiratory Protection**

General ventilation recommended. Otherwise, wear suitable respiratory equipment.

**Eye and Face Protection**

Goggles or other protective eye wear with side shields.

**Skin and Body Protection**

Wear chemical resistant gloves. Use appropriate clothing to prevent skin contact if prolonged exposure is anticipated.

**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	Yellowish brown	Vapor Pressure (mmHg)	Not Available
Odor	Strong rosemary fragrance	Specific Gravity (H <sub>2</sub> O = 1)	115.0 g/l +/-
pH	5.5 - 7.5	Relative Density	Not Available
Boiling Point	Not Available	Vapor Density	Not Available
Freezing Point	Not Available	Solubility in Water	Soluble
Flash Point	Not Available	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	Carbon dioxide, carbon monoxide, smoke, fumes, and unburned hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

### Potential Routes of Exposure

Eye Contact	Direct contact with eyes may cause severe eye irritation.
Skin Contact	Causes skin irritation. May cause an allergic skin reaction.
Oral Toxicity	Classification criteria not met.
Dermal Toxicity	Non-toxic
Inhalation Toxicity	No adverse effects due to inhalation are expected
<u>Component Information</u>	Refer to section 3
<u>Information on Toxicological Effects</u>	
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 contaminate water by disposal.
Empty Packaging	Offer empty container for recycling. If recycling is not available, discard in trash.

## 14. TRANSPORT INFORMATION

U.S. DOT	Not regulated
IMDG (Marine Transport)	Not regulated
IATA (Air Transport)	Transport Hazard Class 9
Canadian TDG	Not regulated

## 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	1
Instability	0
Special Hazards	None noted

### Hazardous Materials Identification System (HMIS) Rating

Health	2
Flammability	1
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.