

**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

**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 **Hazard Symbols(s) / Pictogram(s)** Exclamation Point  
 Avoid eye contact

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight %
Rosemary Oil	8000-25-7	34.0%
2-Phenylethyl Propionate	122-70-3	4.75%
Lemongrass Oil	8007-02-1	11.20%
Surfactant	Proprietary	50.05%

**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**

<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>	Carbon dioxide, carbon monoxide, smoke, fumes, and unburned hydrocarbons.

**11. TOXICOLOGICAL INFORMATION**

**Potential Routes of Exposure**

<b>Eye Contact</b>	Direct contact with eyes may cause severe eye irritation.
<b>Skin Contact</b>	Causes skin irritation. May cause an allergic skin reaction.
<b>Oral Toxicity</b>	Classification criteria not met.
<b>Dermal Toxicity</b>	Non-toxic
<b>Inhalation Toxicity</b>	No adverse effects due to inhalation are expected
<b>Component Information</b>	Refer to section 3
<b><u>Information on Toxicological Effects</u></b>	
<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 contaminate water by disposal.
<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>	Not regulated
<b>IMDG (Marine Transport)</b>	Not regulated
<b>IATA (Air Transport)</b>	Transport Hazard Class 9
<b>Canadian TDG</b>	Not regulated

**15. REGULATORY INFORMATION**

<b><u>U.S.</u></b>	
<b>Toxic Substances Control Act (TSCA)</b>	Not Regulated
<b>California Prop 65</b>	Not Listed
<b><u>Canada</u></b>	
<b>Domestic Substances List (DSL)</b>	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.