

MATERIAL SAFETY DATA SHEET

EcoEMULSIFIER™

1. COMPANY & PRODUCT IDENTIFICATION

Product: EcoEmulsifier

Manufacturer: EcoSMART Technologies, Inc.
318 Seaboard Lane, Suite 208, Franklin, TN 37067

For General Information: (888) 326-7233 (9am to 5pm CST)

Emergency Telephone Number:

InfoTrac Chemical Response System (800) 535-5053 (24 hours)

2. INGREDIENTS

Proprietary Blend of Emulsifiers

% by weight: 100.0
CAS: Trade Secret
Exposure Limits: None established

3. HAZARDS IDENTIFICATION

Overview: Pale yellow liquid with a sweet alcoholic odor.

Potential Health Effects: Exposure to this product may cause skin irritation, eye/nasal irritation, dizziness, headache or nausea.

Warning statements: Flammable liquid keep away from heat, open flame or sparks.

4. FIRST AID MEASURES

EYES: Severe eye irritant. Flush with water for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician if irritation persists.

SKIN: Wash exposed area with soap and water for at least 5 minutes. Remove contaminated clothing. Get medical attention if irritation persists.

INHALATION: Remove person to fresh air. Get medical attention if respiratory irritation or distress persists.

INGESTION: If victim is conscious or alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Obtain medical attention as soon as possible. Do not leave victim unattended.

5. FIRE FIGHTING MEASURES

Flashpoint: 105°F

Flammable Limits: Not tested

Extinguishing Media: Use Foam, Carbon Dioxide, or Dry Chemical extinguishers.

Fire and Explosion Hazards: None

Special Fire Fighting Procedures: None

Hazardous Decomposition Products: Oxides of carbon, sulfur and nitrogen and smoke.

6. SPILL/LEAK PROCEDURES

If spilled, absorb liquid with an inert absorbent material and dispose of the empty container and absorbent material in accordance with local ordinances. Components of this product are not considered EPA hazardous wastes.

7. HANDLING & STORAGE

Keep container tightly closed when not in use. Store only in original container. Store in a cool, dry place. Do not smoke or eat in the product handling area. Keep out of the reach of children and animals.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Ventilation: Local exhaust ventilation is not required. If large quantities are handled indoors, ensure adequate mechanical ventilation.

Respiratory Protection: Not required with adequate ventilation. If ventilation is poor and large quantities are being handled, wear a properly fitted half-face or full-face air-purifying respirator which is approved for pesticides (NIOSH/MSHA in U.S.).

Eye Protection: Safety glasses or chemical goggles.

Gloves: Wear Nitrile, Neoprene, or natural rubber gloves.

Other Protective Equipment: Not required.

This document has been prepared to meet the requirements of the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200, the EU Directive, 91/155/EEC and other regulatory requirements.

9. PHYSICAL PROPERTIES

Appearance: Pale yellow liquid

Specific Gravity (water =1): approx. 1.07

Odor: Sweet - alcoholic odor

10. STABILITY & REACTIVITY

Chemical Stability: Stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: Strong oxidizing agents

11. TOXICOLOGICAL INFORMATION

Rat Acute Oral: Not determined

Rat Acute Dermal: Not determined

Acute effects from Overexposure: The individual components of this product are known to have low oral and dermal toxicity. This mixture is expected to have a similar toxicological profile. Prolonged contact with the skin may cause irritation. Contact with the eyes will cause eye irritation. Inhalation of the vapor may cause irritation of nasal passages and/or dizziness. Ingestion of this product could result in irritation of the gastrointestinal tract, headache or nausea.

Chronic Effects from Overexposure: No data is available.

Carcinogenicity: NTP: No OSHA: No

12. ENVIRONMENTAL INFORMATION

While specific data regarding toxicity to fish or other aquatic organisms is not available for this product, care should always be taken to prevent pesticides from entering aquifers.

13. DISPOSAL

Do not reuse empty container. Triple rinse empty container then puncture container and recycle if possible. If recycling is not possible, triple rinse empty container then puncture container and dispose of container in a sanitary landfill, or incinerator, or if allowed by state and local regulations, by burning. If burned, stay out of smoke.

14. TRANSPORTATION INFORMATION

Ground: Not DOT regulated in available quantities (ref: CFR 49 § 173.150 (f))

Air: Aviation Regulated Liquid, N.O.S., Class 3, UN3334, PG III

International: Contact EcoSMART Technologies: Telephone (888) 326-7233 (9am to 5pm EST)

Reportable Quantity: A Reportable Quantity (RQ) has not been established for this material.

15. REGULATORY INFORMATION

NFPA Ratings: Health - 2 Fire - 3 Reactivity - 0 Special - none

SARA Title III: Fire hazard - Yes Reactive hazard - No Release of pressure - No

Acute health hazard - Yes Chronic health hazard - No



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