

# MATERIAL SAFETY DATA SHEET

## EcoADJUVANT

### SPREADER - EMULSIFIER

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.

#### 1. COMPANY & PRODUCT IDENTIFICATION

**Product:** EcoADJUVANT Spreader-Emulsifier  
**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 Response System (800) 535-5053 (24 hours)

#### 2. INGREDIENTS

**2,6,8 - Trimethyl-4-nonyloxypolyethyleneoxyethanol** (active ingredient)  
**% by weight:** 50.00%  
**CAS:** 60828-78-6  
**Exposure Limits:** None established

**Proprietary Solvent Blend** (inert ingredient)  
**% by weight:** to 100%  
**CAS:** Not Applicable  
**Exposure Limits:** None established

#### 3. HAZARDS IDENTIFICATION

**Overview:** Clear, Colorless liquid with very faint aromatic odor.  
**Potential Health Effects:** May cause eye irritation. Prolonged exposure may cause drying of skin.  
**Flammable:** Do not use or store near heat or open flame.

#### 4. FIRST AID MEASURES

**IF SWALLOWED:** Rinse mouth out with water. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek medical attention if feeling sick or nauseous.  
**IF INHALED:** Remove exposed person to fresh air.  
**IF ON SKIN OR CLOTHING:** Rinse the skin immediately with soap and water.  
**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention if irritation persists. Call a poison control center or doctor for treatment advice.

#### 5. FIRE FIGHTING MEASURES

**Flashpoint:** Not determined but all ingredients have flashpoints greater than 200°F (93°C) (TCC)  
**Flammable Limits:** Not tested  
**Extinguishing Media:** Use Foam, Carbon Dioxide, or Dry Chemical extinguishers.  
**Fire and Explosion Hazards:** Combustible liquid  
**Special Fire Fighting Procedures:** None  
**Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide, smoke, fumes, and unburned hydrocarbons and terpenes

#### 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.

#### 7. HANDLING & STORAGE

Store in a cool, dry place. Do not allow to freeze. 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.  
**Respiratory Protection:** Not required with adequate ventilation. If ventilation is poor or if treating large volumes, wear a properly fitted half-face or full-face air-purifying respirator which is approved for pesticides (NIOSH/MSHA in U.S.).  
**Eye Protection:** Not required. Safety glasses or chemical goggles are recommended.  
**Gloves:** Not required. Nitrile, Neoprene, or natural rubber gloves are recommended.  
**Other Protective equipment:** Not required.

#### 9. PHYSICAL PROPERTIES

**Appearance:** Clear colorless liquid.

#### 10. STABILITY & REACTIVITY

**Chemical Stability:** Stable    **Hazardous Polymerization:** Will not occur

#### 11. TOXICOLOGICAL INFORMATION

**Rat Acute Oral:** Unknown (not tested)

**Acute effects from Overexposure:** Prolonged contact with the skin may cause irritation and contact with the eyes may 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 are 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 or International:** Not regulated.  
**Reportable Quantity:** A Reportable Quantity (RQ) has not been established for this material.

#### 15. REGULATORY INFORMATION

**NFPA Ratings:** Health - 1    Fire - 2    Reactivity - 0    Special - none

**SARA Title III:** This product does not contain any ingredients subject to Section 313 (40 CFR 372) reporting requirements.



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