

MATERIAL SAFETY DATA SHEET

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 and Product Identification

Product:	Sporan EC (DR-E-039)	Emergency Telephone Number: Info Trac Chemical Response System (800) 535-5053 (24 hours)
Manufacturer:	EcoSMART Technologies, Inc. 318 Seaboard Lane, Suite 208 Franklin, TN 37067	For General Information: (888) 326-SAFE (9am to 5pm EST)

2. Ingredients

<u>Ingredient Name</u>	<u>% by weight</u>	<u>CAS #</u>	<u>Exposure Limits</u>
<u>Active Ingredients:</u>			
Rosemary Oil	15 – 25%	8000-25-7	None established
Clove oil	5 – 15%	8000-34-8	None established
Thyme oil	5 – 15%	8007-46-3	None established
<u>Inert Ingredients:</u>			
Emulsifiers	0.5 – 5.0%	-	None established
Inert Essential Oils Blend	15 - 20%	-	None established
Butyl lactate	to 100%	138-22-7	None established

3. Hazards Identification

Overview: Clear pale yellow liquid with a faint minty scent.

Potential Health Effects:

Prolonged exposure to this product may cause skin irritation, eye/nasal irritation, dizziness, or headache.

State of California requires any product containing 8.5% or more of Rosemary Oil must at a minimum bear the signal word "Caution", the phrase "Keep Out of Reach of Children", appropriate precautionary language, and a requirement for protective eyewear and gloves.

4. First Aid Measures

Eyes:..... 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 15 minutes. Remove contaminated clothing. Get medical attention if irritation persists.

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Ingestion: Rinse mouth out with water. Obtain medical attention as soon as possible. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.

5. Fire Fighting Measures

Flashpoint:..... Not tested
 Flammable Limits: Not tested.
 Extinguishing Media:Use Foam, Carbon Dioxide, or Dry Chemical extinguishers.
 Fire and Explosion Hazards:..... The product is combustible.
 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. Components of this product are not considered EPA hazardous wastes.

7. Handling and Storage

Keep container tightly closed when not in use. Store only in the original container 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

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:..... Long sleeve shirts, long pants, shoes, and socks.

9. Physical Properties

Appearance: Clear pale yellow liquid	Specific Gravity (water =1):1.0 g/ml
Odor: Faint minty scent	

10. Stability and Reactivity

Chemical Stability:Stable	Hazardous Polymerization: Will not occur
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11. Toxicological Information

Rat Acute Oral: Not Determined
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.

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.