

# MATERIAL SAFETY DATA SHEET

## PROGAEA™ TICK & MOSQUITO

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: PROGAEA™  
EPA Reg. No.: Exempt  
NOP Compliant: Yes  
Manufacturer: Central Life Sciences  
1501 E. Woodfield Road, #200W, Schaumburg, IL 60173

For General Information: (781) 899-7873 (8am to 4pm EST)  
Emergency Telephone Number:  
InfoTrac Chemical Response System (800) 535-5053 (24 hours)

### 2. INGREDIENTS

Rosemary Oil (active ingredient)	Mineral Oil
% by weight: 10.0%	% by weight: 10 to 70%
CAS: 8000-25-7	CAS: 8042-47-5
Exposure Limits: None established	Exposure Limits: TWA: 5 mg/m <sup>3</sup> (OSHA)
Inert Essential Oils Blend	
% by weight: 10 to 70%	
Exposure Limits: None established	

### 3. HAZARDS IDENTIFICATION

#### Overview:

- Clear very pale yellow liquid with a faint minty scent.

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

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 plenty of water. Seek medical attention if irritation persists.

Skin: Wash with soap and water.

Inhalation: Remove exposed person to fresh air.

Ingestion: Rinse mouth out with plenty of water. Do not induce vomiting.

Do not give anything by mouth to an unconscious person. Seek medical attention if feeling sick or nauseous.

### 5. FIRE FIGHTING MEASURES

Flashpoint (active ingredient): >145 degrees F (TCC)

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 terpinenes.

### 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 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

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.

### 9. PHYSICAL PROPERTIES

Appearance: Clear very pale yellow liquid

Odor: Faint minty scent

Specific Gravity: (water =1): 1.0 g/ml

### 10. STABILITY & REACTIVITY

Chemical Stability: Stable

Hazardous Polymerization: Will not occur

### 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 in available quantities

(ref: CFR 49 § 173.150 (f))

Air: Aviation Regulated Liquid, N.O.S. (contains Rosemary Oil), Class 9, UN3334, PG III

International: Pure Solutions (781) 899-7873

### 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.

pure solutions

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