

# MATERIAL SAFETY DATA SHEET

Manufacturer: The Espoma Company  
6 Espoma Road  
Millville, NJ 08332

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Telephone: 800-634-0603

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## I. PRODUCT INFORMATION

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Product: **3n1 Disease Control Concentrate**  
**EPA Reg. No. 67702-17-83598**  
Chemical Name: Sulfur, pyrethrins  
Chemical Family: Sulfur, plant oils

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## II. HAZARDOUS INGREDIENTS

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<u>Components</u>	<u>%</u>	<u>Hazard Information</u>
Sulfur	5-15%	Eye irritant
Isopropyl alcohol	0-10%	

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## III. PHYSICAL AND CHEMICAL CHARACTERISTICS (FIRE AND EXPLOSION DATA)

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Solubility in Water: Miscible in all proportions  
Appearance and Odor: Yellow, opaque solution, slight alcohol smell  
Flash Point (°C): 52°C  
Specific Gravity, 25°C: ~ 1.03 g/ml  
pH: 4.25 ± 0.25  
Extinguishing Media for Fires: Water, CO<sub>2</sub>, foams  
Special Fire Fighting Procedures: Normal extinguishing procedures

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N/A - not applicable, NAV - not available, ca. - approximately

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## IV. PHYSICAL HAZARDS

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Stability: Product is stable  
Conditions to Avoid: Exposure to excessive heat  
Materials to Avoid: None known  
Hazardous Decomposition Products: CO<sub>2</sub>, CO, SO<sub>2</sub>, H<sub>2</sub>S  
Hazardous Polymerization Conditions: None known

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**V. HEALTH HAZARD DATA**


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LD <sub>50</sub> (oral) NAV	LD <sub>50</sub> (dermal) NAV
LC <sub>50</sub> (fish): NAV	
Carcinogen or Potential Carcinogen	NTP:no          IARC:no          OSHA: no
Routes of Entry:	Skin, Eyes, and Ingestion.
Skin:	May cause irritation
Eyes:	Causes moderate irritation (reversible)
Ingestion:	May cause gastrointestinal irritation and nausea.
Inhalation	May cause irritation.
Medical Conditions Aggravated:	

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**VI. EMERGENCY FIRST AID PROCEDURES**


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Skin:	Wash thoroughly with soap and water.
Eyes:	Flush eyes with plenty of water, consult a physician if irritation persists
Ingestion:	Call physician
Inhalation:	

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**VII. SPECIAL PROTECTION INFORMATION**


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Ventilation:	Adequate ventilation for aerosol should be provided.
Respiratory Protection:	None required
Eye Protection:	Chemical safety goggles.
Protective Gloves:	Not required

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**VIII. SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**


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Storage Recommendations:	Store at ambient temperatures.
Spill or Leak Procedures:	Absorb large spills with absorbent materials. Will be very slippery.
Disposal Recommendations:	Dispose of in accordance with local regulations.