

# 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: **Insecticidal Soap RTU**  
**EPA Reg. No. 67702-21-83598**  
Chemical Family: Insecticidal Soap/vegetable oil salts

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## II. HAZARDOUS INGREDIENTS

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<u>Components</u>	<u>%</u>	<u>Hazard Information</u>
Potassium salts of fatty acids	1%	Eye irritant

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

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Boiling Point, °C:	~100
Vapor Pressure (mm Hg):	NAV
Vapor Density (Air = 1):	NAV
Solubility in Water:	Soluble
Appearance and Odor:	Clear, light amber liquid
Flash Point (°C):	N/A
Specific Gravity, 25°C:	1.00 ± 0.03 g/ml
pH:	9.60 ± 0.10
Extinguishing Media for Fires:	Water, foam or CO <sub>2</sub>
Special Fire Fighting Procedures:	Self contained breathing apparatus
Unusual Fire and Explosion Hazards:	None

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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:	Stable
Materials to Avoid:	Strong oxidizing agents
Hazardous Decomposition Products:	Carbon oxides may form upon burning
Hazardous Polymerization Conditions:	None

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**V. HEALTH HAZARD DATA**


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TLV: NAV	OSHA PEL NAV:	LD <sub>50</sub> (oral) >5000 mg/kg
LD <sub>50</sub> (dermal) >5000 mg/kg		
Carcinogen or Potential Carcinogen	NTP: no	IARC: no
Routes of Entry:		OSHA: no
		Inhalation, eyes, skin
Skin:		May cause slight reversible skin irritation
Eyes:		May cause slight reversible irritation
Ingestion:		No observable effect
Inhalation		May cause irritation.
Medical Conditions Aggravated:		Skin disorders

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**VI. EMERGENCY FIRST AID PROCEDURES**


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Skin:	Rinse well with water. Seek medical assistance if irritation persists.
Eyes:	Rinse with water for 15 minutes. Seek medical assistance if irritation persists.
Ingestion:	Consult physician
Inhalation:	Remove to fresh air

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**VII. SPECIAL PROTECTION INFORMATION**


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Ventilation:	Not required
Respiratory Protection:	Not required
Eye Protection:	Not required
Protective Gloves:	Not required
Other Protective Equipment:	Not required

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


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Storage Recommendations:	None
Spill or Leak Procedures:	Material is slippery when spilled. Soak up with a solid absorbent and collect for disposal. Small amounts may be flushed with water.
Disposal Recommendations:	Dispose in accordance with local regulations.

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