

MATERIAL SAFETY DATA SHEET

Manufacturer: W. Neudorff GmbH KG
Postfach 1209, An der Muhle 3
D-31860 Emmerthal, Germany

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Telephone: 49-5155-624-100

I. PRODUCT INFORMATION

Product: **Opal Insecticidal Soap**
PCP Act Reg. No. 28146
Chemical Family: Insecticidal Soap/vegetable oil salts

IIa. HAZARDOUS INGREDIENTS

<u>Components</u>	<u>%</u>	<u>Hazard Information</u>
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IIb. NON-HAZARDOUS INGREDIENTS

<u>Components</u>	<u>%</u>	<u>Hazard Information</u>
Potassium Salts of Fatty Acids	47	None

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

Boiling Point, °C:	~100
Vapor Pressure (mm Hg):	NAV
Vapor Density (Air = 1):	NAV
Solubility in Water:	Soluble
Appearance and Odor:	Clear, amber solution
Flash Point (°C):	N/A
Specific Gravity, 25°C:	1.04 ± 0.03
pH:	10.25 ± 0.10
Extinguishing Media for Fires:	Water, foam or CO ₂
Special Fire Fighting Procedures:	Self contained breathing apparatus
Unusual Fire and Explosion Hazards:	None

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

IV. PHYSICAL HAZARDS

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

V. HEALTH HAZARD DATA

TLV: NAV	OSHA PEL NAV:	LD ₅₀ (oral) >5000 mg/kg
LD ₅₀ (dermal) >5000 mg/kg		
Carcinogen or Potential Carcinogen	NTP: no	IARC: no
Routes of Entry:	Inhalation, eyes, skin	OSHA: no
Skin:	Causes severe skin irritation	
Eyes:	Causes moderate to severe reversible eye injury.	
Ingestion:	No observable effects	
Inhalation:	May cause irritation.	
Medical Conditions Aggravated:	Skin disorders	

VI. EMERGENCY FIRST AID PROCEDURES

Skin:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Consult physician.
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. Consult physician.
Ingestion:	Consult physician
Inhalation:	Remove to fresh air. Consult physician.

VII. SPECIAL PROTECTION INFORMATION

Ventilation:	Not required
Respiratory Protection:	Not required
Eye Protection:	Safety goggles, face shield or safety glasses
Protective Gloves:	Neoprene or rubber

VIII. SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

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.
