

Material Safety Data Sheet  
May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200. Standard must be consulted  
for specific requirements.

U.S. Department of Labor  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

**IDENTITY (As Used on Label and List)**  
**Bonide Mosquito Larvicide**

**ID NO. 4195**  
Date: November 27, 1998

**Section I**

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Bonide Products, Inc.	(800) 424-9300
2 Wurz Ave.	(315)736-8231
Yorkville, NY 13495	

**Section II - Hazardous Ingredients/Identity**

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Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH	TLV	Other Limits	% (Optional)
Mineral Oil CAS No. 64742-30-9					98.0
Emulsifier					2.0

**Section III - Fire and Explosion Hazard Data**

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FLASH POINT (Method used): NA	FLAMMABLE LIMITS: N/A
EXTINGUISHING MEDIA CO2	UNUSUAL FIRE AND EXPLOSION HAZARDS: None
SPECIAL FIRE FIGHTING PROCEDURES: NA	

**Section IV - Reactivity Data**

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STABILITY: Stable	INCOMPATIBILITY (Materials to Avoid): None
CONDITIONS TO AVOID: Store in a cool, dry place.	HAZARDOUS POLYMERIZATIONS: Will not occur.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None	

**Section V - Health Hazard Data**

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PRECAUTIONS: Avoid breathing spray. If swallowed, do not induce vomiting. Notify physician.  
FIRST AID: EYE CONTACT: If splashed into eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists call a physician. SKIN CONTACT: Remove any contaminated clothing & wash skin thoroughly with soap. INHALATION: Remove from exposure & call a physician if breathing is irregular or has stopped, start resuscitation. INGESTION: DO NOT induce vomiting; call a physician immediately. Product has a low order of acute toxicity. NOTE TO PHYSICIAN: None

**Section VI - Spill or Leak Procedures**

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PRECAUTIONS: Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize breathing vapors. Minimize skin contact. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding. DISPOSAL: Do not reuse container. Wrap in paper and discard in trash.

**Section VII - Storage and Handling**

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STORAGE: Store in a cool, dry place inaccessible to children or pets. Avoid contamination of feed and foodstuffs.  
HANDLING PRECAUTIONS: Handle in a well ventilated area. Avoid contact with eyes or skin. Wash skin and clothing after use.  
CONTAINER DISPOSAL: Do not reuse container. Wrap in paper and discard in trash.

**Section VIII - Additional Information/Hazards**

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Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite. Exposure limit for total product: 5mg/kg for oil  
Mist in air: Basis: OSHA Regulation 29 CER 1910.1000  
Stability: Stable Hazardous Polymerization: Will not occur.

**Section IX - Additional Characteristics**

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BOILING POINT: 1BP appr. 199°C (390°F) by ASTM D 2287

VAPOR PRESSURE: Less than 0.01 mm HG at 20°C

VAPOR DENSITY (Air=1): Greater than 5

SOLUBILITY IN WATER: Negligible; less than 0.1%

SPECIFIC GRAVITY (H<sub>2</sub>O=1): (15.6°C/15.6°C) 0.84

APPEARANCE & ODOR: Clear water-white liquid - mild odor

**KEEP OUT OF REACH OF CHILDREN****ABBREVIATION KEY**

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N/A: NOT AVAILABLE OR APPLICABLE

N/E: NOT ESTABLISHED

TLV: THRESHOLD LIMIT VALUE

TWA: TIME WEIGHTED AVG./8 HOUR WORKDAY

STEL: SHORT TERM EXPOSURE LIMIT

D.O.T.: DEPARTMENT OF TRANSPORTATION

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