

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 Beater Insect Fog
(Cedar Oil)**

ID # 5521

Date: November 28, 2011

Section I

Bonide Products, Inc.
6301 Sutliff Road
Oriskany, NY 13424

(800) 424-9300
(315) 736-8231

Section II - Hazardous Ingredients/Identity

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
Cedar Oil				4.5%
Mineral Oil				94.5%

EMERGENCY OVERVIEW: CAUTION. May cause eye irritation. May cause respiratory, digestive tract irritation or allergic skin reaction.

Section III -Emergency and First Aid Procedures

INGESTION: Drink 1 or 2 glasses of water to dilute material. Do not induce vomiting, as potential aspiration may induce chemical pneumonia. May have laxative effect. If vomiting occurs naturally rinse mouth and continue to sip water.

EYES: Flush with running water for at least 15 minutes while holding eyelids open. If irritation persists, get medical attention.

SKIN: Remove all contaminated clothing. Wash skin and hair thoroughly with soap and water. Wash clothing before reuse. If irritation persists, get medical attention.

INHALATION: Remove to fresh air. If irritation persists, get medical attention.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known. Preexisting skin or respiratory disorders may be aggravated by excessive exposure to mist.

Section IV - Fire and Explosion Data

FLASHPOINT: >200° F

FIRE EXTINGUISHING MEDIA: Can be made to burn; ease of burning is directly related to temperature. Dry Chemical, CO2, Foam, Water Spray or Fog.

UNUSUAL FIRE AND EXPLOSION HAZARDS: If water is used to fight fire or cool containers, contain run-off by diking to prevent contamination of water supplies.

Section V – Accidental Release Measures

SPILL OR LEAK PROCEDURES: Contain spill, extinguish all ignition sources. Stop leak if safe to do so. Dike spilled material. Absorb liquids by covering with clay or other absorbent material; vacuum, scoop or sweep up wastes and place in container for disposal. Avoid contact with spilled material. Avoid contaminating sewers, streams, rivers and other water courses with spilled material.

Section VI – Handling & Storage

HANDLING AND STORAGE: Store in a cool, dry place away from children, domestic animals, food and feed products. Do not contaminate other stored products or the storage area by handling or storage of this product. Immediately clean up any spills which occur during handling and storage. Work in a well-ventilated area, staying upwind and out of mist. Wash thoroughly after handling.

OTHER PRECAUTIONS: Do not contaminate water supplies by handling or storage of product, cleaning of equipment or disposal of wastes. Keep work and storage areas clean. Read and follow precautionary measures on product label.

Section VII – Personal Protective Equipment

PROTECTIVE GLOVES: If prolonged exposure cannot be avoided, wear impervious gloves.

EYE PROTECTION: Chemical goggles or shielded safety glasses recommended for prolonged or repeated exposure.

RESPIRATORY PROTECTION (Specify type): Not normally required. If vapors may exceed acceptable levels, wear MSHA/NIOSH-approved respirator or mask to protect against pesticide dusts, mists and vapors.

OTHER PROTECTIVE EQUIPMENT: Wear clothing consistent with good practices for handling and applying pesticides. Wash clothing before reuse.

Section VIII- Physical/Chemical Ingredients

BOILING POINT: >248°F (wide range)	SPECIFIC GRAVITY: .84
VAPOR PRESSURE (MM. of Mercury): Negligible	VAPOR DENSITY (AIR=1): NA
PERCENT VOLATILE (BY VOLUME): NA	SOLUBILITY IN WATER: Insoluble in water
AUTOIGNITION TEMPERATURE: 650°F (est.)	DENSITY: 7.01 lbs/gal
APPEARANCE AND ODOR: Clear, colorless, oily liquid mild cedar odor.	

Section IX – Stability & Reactivity Data

STABILITY: Stable	CONDITIONS TO AVOID: Excessive Heat	CONDITIONS TO AVOID: NE
HAZARDOUS POLYMERIZATION: Will not occur	INCOMPATIBILITY (Materials to avoid): Strong Oxidizers	
HAZARDOUS DECOMPOSITION PRODUCTS: Unknown hazardous materials may be formed in a fire situation. Incomplete combustion may lead to formation of carbon monoxide and/or other asphyxiates.		

Section X – Toxicology Information

ROUTES OF ENTRY: Ingestion, inhalation, eyes and skin contact.

Ingestion may cause laxative effect.

Inhalation of mist may cause irritation of eyes, nasal passages, throat and skin. Prolonged or repeated exposure may lead to reddening of skin, rash, dermatitis or other skin reactions.

Section XI - Ecological Information

No Information available.

Section XII - Disposal Information

WASTE DISPOSAL METHOD: Material which cannot be used at the site should be disposed of in an approved waste disposal facility following all applicable Federal, State and local regulations. Triple rinse empty containers and offer for recycling or reconditioning, or puncture and dispose of in an approved sanitary landfill. Do not contaminate water supplies by disposal of wastes or containers.

Section XIII - Transportation Information

DOT Classification: Not a hazardous material for transport according to the requirements of the DOT.

Section XIV – Other Regulatory Information

NFPA: Health – 1	Fire Hazard – 1	Reactivity – 0	Specific Hazard- NA
RCRA: Not listed.		TSCA: Not listed.	

NOTICE: This information is believed to be accurate and reliable. However, no guarantee expressed or implied is made with respect to the information contained herein.

KEEP OUT OF REACH OF CHILDREN

ABBREVIATION KEY

N/A: NOT AVAILABLE OR APPLICABLE	N/E: NOT ESTABLISHED	ND: Not Determined
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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