

Material Safety Data Sheet and Safe Handling and Disposal Information

Section 1. Chemical Product and Company Identification

Product name Mosquito & Flying Insect Killer II

Product Code PFI32

Date of issue 05/27/03 **Supersedes**

This product is a registered pesticide. Number: 28293-271-40849

Emergency Telephone Numbers **For MSDS Information:**
Compliance Services (404) 352-1680

For a Medical Emergency:
INFOTRAC
(877) 541-2016 (Toll Free - Calls Recorded)

For a Transportation Emergency:
CHEMTREC
(800) 424-9300 (Toll Free - Calls Recorded)

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1420 Seaboard Industrial Blvd.
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Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
PERMETHRIN; 3-phenoxybenzyl 2,2-dimethyl-3-(2,2-dichlorovinyl) cyclopropanecarboxylate	52645-53-1	2.5	Not available.

Section 3. Hazards Identification

Acute Effects **Routes of Entry** Absorbed through skin. Eye contact. Inhalation. Ingestion.

Skin Slightly hazardous in case of skin contact (irritant, permeator).

Eyes Slightly hazardous in case of eye contact (irritant).

Inhalation Slightly hazardous in case of inhalation (lung irritant).

Ingestion May be harmful if swallowed.

HMIS	
Health	1
Fire Hazard	0
Reactivity	0
Personal Protection	B

Carcinogenic Effects Not listed as carcinogen by OSHA, NTP or IARC.

Chronic Effects Repeated or prolonged exposure is not known to aggravate medical condition.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

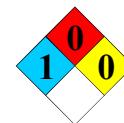
Section 5. Fire Fighting Measures

Flash Point Not applicable. **Flammable Limits** Not applicable.

Flammability Not applicable.

Fire Hazard Not applicable.

Fire-Fighting Procedures Not applicable.



Section 6. Accidental Release Measures

Spill Clean up Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Section 7. Handling and Storage

Handling Avoid breathing vapors or spray mists. After contact with skin, wash immediately with plenty of water.

Storage Keep container tightly closed. Keep container in a cool, well-ventilated area. Keep out of the reach of children.

Section 8. Exposure Controls, Personal Protection

Personal Protection

Eyes Safety glasses.

Body Gloves.

Respiratory Wear appropriate respirator when ventilation is inadequate.

Protective Clothing (Pictograms)



Section 9. Physical and Chemical Properties

Physical State	Liquid.	Color	Off-white. (Light.)
pH	7.0 - 8.0	Odor	Mild. (Slight.)
Boiling Point	Not available.	Vapor Pressure	Not available.
Specific Gravity	1.008 (Water = 1)	Vapor Density	Not available.
Solubility	Insoluble in cold water.	Evaporation Rate	Not available.
		VOC (Consumer)	Not available.

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Slightly reactive to reactive with acids, alkalis.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Not applicable.

Section 11. Toxicological Information

Toxicity to Animals	Permethrin:	
	ORAL (LD50):	Acute: >5050 mg/kg [Male rats.]. 3780 mg/kg [Female rats.].

Section 12. Ecological Information

Ecotoxicity	Toxic to aquatic organisms. Toxic to bees.
Biodegradable/OECD	Not available.

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Not available.
Consult your local or regional authorities.	

Section 14. Transport Information

Proper shipping name	None. Not regulated.
DOT Classification	Not a DOT controlled material (United States).
UN number	Not available.
TDG Classification	Not a TDG controlled material.

Section 15. Regulatory Information

U.S. Federal Regulations	SARA 313 toxic chemical notification and release reporting: Permethrin 2.5% Clean Water Act (CWA) 311: No products were found. Clean air act (CAA) 112 regulated toxic substances: No products were found.
State Regulations	California prop. 65: No products were found.
WHMIS (Canada)	Class D-1B: Material causing immediate and serious toxic effects (TOXIC).

Section 16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.