

**Material Safety Data Sheet
and Safe Handling and Disposal Information**

Section 1. Chemical Product and Company Identification

Product name **Flea Fogger XX**

Product Code **FF52E**

Date of issue **12/03/03** **Supersedes** 08/10/96

This product is a registered pesticide. Number: 40849-56

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

For a Medical Emergency:
CHEM-TEL
(800) 255-3924 (Toll Free - Calls Recorded)

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

Prepared by Compliance Services Group
Acuity Specialty Products Group
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
HYDROTREATED LIGHT PETROLEUM DISTILLATES; paraffinic, naphthenic solvent	64742-47-8	1-10	Supplier Suggested (United States). PEL: 100 ppm
BLEND OF ISOBUTANE & PROPANE	74-98-6; 75-28-5	25-35	ACGIH TLV (United States). : 800 ppm 8 hour(s). OSHA PEL (United States). TWA: 1000 ppm 8 hour(s). Not determined.
PYRIFOXYFEN; Nylar (R); [2-{1-Methyl-2-(4-phenoxyphenoxy)ethoxy} pyridine]	95737-68-1	0.100	Not determined.
PYROCIDIDE (R) 175; Pyrethrins	8003-34-7	0.050	ACGIH TLV (United States). : 5 mg/m ³ OSHA PEL (United States). : 5 mg/m ³
MGK (R) 264; N-Octyl bicycloheptene dicarboximide	113-48-4	0.400	Not determined.
PERMETHRIN	52645-53-1	0.435	Not determined.

Section 3. Hazards Identification

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

Skin Hazardous in case of skin contact (irritant, permeator). Direct contact may cause irritation and redness.

Eyes Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

Inhalation Hazardous in case of inhalation. May cause respiratory tract irritation.

Ingestion Hazardous in case of ingestion.

HMIS	
Health	1
Fire Hazard	1
Reactivity	0
Personal Protection	B

Carcinogenic Effects Ingredients: 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.

Skin Contact Wash with soap and water. 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 immediately.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point	Not applicable.	Flammable Limits	Not applicable.
Flammability	Flammable. (CSMA)		
Fire Hazard	CONTENTS UNDER PRESSURE.		
Fire-Fighting Procedures	Use DRY chemicals, CO ₂ , water spray or foam. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion. Do not release runoff from fire to sewers or waterways.		

**Section 6. Accidental Release Measures**

Spill Clean up	Put on appropriate personal protective equipment (see Section 8). Absorb with an inert material and place in an appropriate waste disposal container.
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Section 7. Handling and Storage

Handling	CONTENTS UNDER PRESSURE. Do not puncture or incinerate. Keep away from sources of ignition. Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Keep away from food, drink and animal feeding stuffs. After contact with skin, wash immediately with plenty of water.
Storage	Store between 40°F - 120°F (4.4°C - 49°C). Keep away from heat, sparks and flame. 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****Protective Clothing (Pictograms)**

Eyes	Safety glasses.	
Body	Gloves.	
Respirator	Respirator is not needed under normal and intended conditions of use, if exposures are kept below established limits. Wear appropriate respirator when ventilation is inadequate.	

Section 9. Physical and Chemical Properties

Physical State	Liquid. (Aerosol.)	Color	Clear. Colorless to light yellow.
pH	Not applicable	Odor	Characteristic.
Boiling Point	Not applicable	Vapor Pressure	Not determined.
Specific Gravity	0.961 (Water = 1)	Vapor Density	Not determined.
Solubility	Insoluble in cold water, hot water.	Evaporation Rate	Not determined.
		VOC (Consumer)	434.3 (g/l). 3.62 lb/gal 44.99%

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Reactive with OXIDIZING AGENTS. Keep away from heat and flame.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	carbon oxides (CO, CO ₂)

Section 11. Toxicological Information

Toxicity to Animals	Evercide Intermediate 2460:
	ORAL (LD50): Acute: >5000 mg/kg [Rat Male.]. <5000 mg/kg [Rat Female.].
	DERMAL (LD50): Acute: >2000 mg/kg [Rabbit].
	Hydrotreated Light Petroleum Distillates:
	DERMAL (LD50): Acute: 3000 mg/kg [Rabbit].

Section 12. Ecological Information

Ecotoxicity	Toxic to aquatic organisms.
Biodegradable/OE	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	Non-regulated waste
Consult your local or regional authorities.	

Section 14. Transport Information

Proper shipping name	Consumer Commodity
DOT Classification	ORM-D
UN number	None.
TDG Classification	Consumer Commodity ORM-D

Section 15. Regulatory Information**U.S. Federal Regulations** SARA 313 toxic chemical notification and release reporting:

No products were found.

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.