

Material Safety Data Sheet

ENFORCER

Zep Commercial Sales & Service
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Atlanta, GA 30318
1-888-805-HELP (4357)
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Section 1. Chemical Product and Company Identification

Product name Flying Insect Killer III

Product code EFI / N505

Date of issue 03/06/11 **Supersedes** 02/02/07

This product is a registered pesticide. EPA ID No. 40849-4

Emergency Telephone Numbers

For MSDS Information:

Compliance Services 404-352-1680

For Medical Emergency

(877) 541-2016 Toll Free - All Calls Recorded

For Transportation Emergency

CHEMTREC: (800) 424-9300 - All Calls Recorded

In the District of Columbia (202) 483-7616

Prepared By

Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

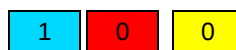
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Section 2. Hazards Identification

Emergency overview

*Hazard Determination System (HDS): Health, Flammability, Reactivity

CAUTION



HARMFUL IF INHALED, ABSORBED THROUGH SKIN OR SWALLOWED.

CONTENTS UNDER PRESSURE.

NOTE: MSDS data pertains to the product as delivered in the original shipping container(s). Risk of adverse effects are lessened by following all prescribed safety precautions, including the use of proper personal protective equipment.

Acute Effects

Routes of Entry

Absorbed through skin. Inhalation.

Eyes

Contact may cause eye irritation. Inflammation of the eye is characterized by redness, watering and itching.

Skin

Causes skin irritation. Harmful if absorbed through the skin. Skin inflammation is characterized by itching, scaling, or reddening.

Inhalation

Avoid breathing vapors, spray or mists. Over-exposure by inhalation may cause respiratory irritation. Can cause central nervous system (CNS) depression.

Ingestion

Harmful if swallowed. Can cause gastrointestinal disturbances.

Chronic effects

Contains material which may cause damage to the following organs: central nervous system (CNS).

Carcinogenicity No known significant effects or critical hazards.

Product/ingredient name

Not available.

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

Name of Hazardous Ingredients

CAS number

% by Weight

HYDROCARBON PROPELLANT; blend of propane & n-butane

74-98-6; 106-97-8

20 - 30

ISOPARAFFINIC SOLVENT; hydrotreated light distillate (petroleum); C12-C14 isoalkanes

68551-19-9

1 - 10

TETRAMETHRIN

7696-12-0

0.2

SUMITHRIN, d-Phenothrin

26002-80-2

0.2

Section 4. First Aid Measures

Eye Contact

Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Check for and remove any contact lenses. Get medical attention immediately.

Skin Contact

Flush affected skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.

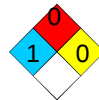
Inhalation

Move exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, keep head lower than hips to help prevent aspiration. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

Section 5. Fire Fighting Measures

National Fire Protection Association (U.S.A.)



Flash Point Not determined.

Flammable Limits Not determined.

Flammability Non-flammable. (CSMA Method)

Fire hazard CONTENTS UNDER PRESSURE. In a fire or if heated, a pressure increase will occur and the container may burst. Bursting aerosol containers may be propelled from a fire at high speed.

Fire-Fighting Procedures Use an extinguishing agent suitable for the surrounding fire. Do not release runoff from fire to drains or watercourses.

Section 6. Accidental Release Measures

Spill Clean up Unlikely in this form.

Section 7. Handling and Storage

Handling Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes, skin and clothing. Do not breathe vapor or mist. Use only with adequate ventilation. Do not ingest. Wash thoroughly after handling. Do not use in and around electrical equipment due to the possibility of shock hazard. Observe label precautions. Apply this product only as specified on the label.

Storage CONTENTS UNDER PRESSURE. Store and use away from heat, sparks, open flame or any other ignition source. Do not puncture or incinerate container. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection

Product name

HYDROCARBON PROPELLANT; blend of propane & n-butane

ISOPARAFFINIC SOLVENT; hydrotreated light distillate (petroleum); C12-C14 isoalkanes
TETRAMETHRIN

Exposure limits

ACGIH TLV / OSHA PEL (United States). Notes: Propane

TWA: 1000 ppm 8 hour(s).

NIOSH REL (United States).TWA: 1200 mg/m³ Form: Vapor**ACGIH TLV (United States).**TWA: 10 mg/m³ 8 hour(s). Form: Dust

Personal Protective Equipment (PPE)

Eyes Safety glasses.

Body Protective gloves should be worn during handling. Recommended: Rubber gloves. Nitrile gloves. Neoprene gloves.

Respiratory A respirator is not needed under normal and intended conditions of product use.



Section 9. Physical and Chemical Properties

Physical State Liquid. [Aerosol.]

pH Not applicable

Boiling Point 102°C (215.6°F)

Specific Gravity 0.975

Solubility Soluble in the following materials: cold water and hot water.

Color Clear.

Odor Mild. Characteristic.

Vapor Pressure >93.3 kPa (>700 mm Hg)

Vapor Density >1 [Air = 1]

Evaporation Rate 1 (Water = 1)

VOC (Consumer) 25%

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Incompatibility Slightly reactive or incompatible with the following materials: oxidizing materials, acids and alkalis.

Hazardous Polymerization Will not occur.

Hazardous Decomposition Products carbon oxides (CO, CO₂)

Section 11. Toxicological Information**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Isoparaffinic Solvent; Hydrotreated light distillate (petroleum)	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>2000 mg/kg	-

Section 12. Ecological Information

Environmental Effects This material is toxic to aquatic organisms. Keep out of waterways.

Aquatic Ecotoxicity**Product/ingredient name**

Not available.

Section 13. Disposal Considerations**Waste Information**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste Stream Non-regulated waste

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	None.	Consumer commodity	ORM-D	-	
TDG Classification	None.	Consumer commodity	ORM-D	-	

NOTE: DOT classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

PG* : Packing group

Section 15. Regulatory Information**U.S. Federal Regulations**

SARA 313 toxic chemical notification and release reporting:

Product name

Sumithrin

Clean Water Act (CWA) 307: 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.

All Components of this product are listed or exempt from listing on TSCA Inventory.

United States inventory (TSCA 8b): Not determined.

State Regulations

California Prop 65 No products were found.

Canada**WHMIS (Canada)**

WHMIS Class A: Compressed gas.
WHMIS Class D-2B: Material causing other 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.*

*NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.