

Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product name Enforcer Bed Bug & Flea Fogger
Product code EBBFF2
Date of issue 10/10/13 **Supersedes** 12/10/12

This product is a registered pesticide. EPA Registration Number: 1021-1674-40849

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

Section 2. Hazards Identification

Emergency overview

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

CAUTION



FLAMMABLE. CONTENTS UNDER PRESSURE.
 HARMFUL IF ABSORBED THROUGH SKIN.

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**

Dermal contact. Eye contact. Inhalation.

Eyes

Irritating to eyes. Inflammation of the eye is characterized by redness, watering and itching.

Skin

Irritating to skin. Product may be dermal absorbed. Skin inflammation is characterized by itching, scaling, or reddening.

Inhalation

May be harmful if inhaled. May cause irritation of respiratory tract, coughing, shortness of breath.

Ingestion

May be irritating to mouth, throat and stomach.

Chronic effects

Contains material which may cause damage to the following organs: heart, central nervous system (CNS).
 Prolonged skin contact may cause dermatitis with drying and cracking of skin.

Carcinogenicity

Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

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**

propane

74-98-6

15 - 25

Butane

106-97-8

10 - 20

Distillates (petroleum), hydrotreated light

64742-47-8

1 - 10

Section 4. First Aid Measures

Eye Contact

Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if irritation occurs.

Skin Contact

Take off contaminated clothing. Flush affected area immediately with large amounts of water for at least 15 minutes. Call medical attendant, medical doctor, or poison control center.

Inhalation

Move exposed person to fresh air. If breathing is difficult, Get medical attention.

Ingestion

Wash out mouth with water. 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

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



Flash Point	Not available.
Flammable Limits	Not available.
Flammability	FLAMMABLE AEROSOL.
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. In a fire, the following may be released: carbon oxides (CO, CO ₂), nitrogen oxides (NO, NO ₂ etc.) and Hydrogen cyanide (HCN).
Fire-Fighting Procedures	Fight fire from protected location or maximum possible distance. Fire-fighters should wear appropriate protective equipment. Use dry chemical or CO ₂ .

Section 6. Accidental Release Measures

Spill Clean up Spills are unlikely due to packaging. Eliminate all ignition sources.

Section 7. Handling and Storage

Handling	Observe label precautions. Do not use in confined spaces. (above 5 ft. x 5 ft) Avoid sources of ignition, in particular, do not smoke or switch on any electrical equipment. Avoid breathing vapors, spray or mists. Avoid contact with eyes, skin and clothing.
Storage	Keep away from heat, sparks and flame. Keep away from food, drink and animal feeding stuffs. Keep away from incompatibles. Keep container tightly closed and sealed until ready for use. Keep in a cool, well-ventilated place. Store below 120°F (49°C). Do not reuse container. Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection**Product name**

propane

Exposure limits**OSHA PEL 1989 (United States, 3/1989).**

TWA: 1000 ppm 8 hours.

TWA: 1800 mg/m³ 8 hours.**NIOSH REL (United States, 1/2013).**

TWA: 1000 ppm 10 hours.

TWA: 1800 mg/m³ 10 hours.**OSHA PEL (United States, 6/2010).**

TWA: 1000 ppm 8 hours.

TWA: 1800 mg/m³ 8 hours.**ACGIH TLV (United States, 3/2012).**

TWA: 1000 ppm 8 hours.

Butane

OSHA PEL 1989 (United States, 3/1989).

TWA: 800 ppm 8 hours.

TWA: 1900 mg/m³ 8 hours.**NIOSH REL (United States, 1/2013).**

TWA: 800 ppm 10 hours.

TWA: 1900 mg/m³ 10 hours.**ACGIH TLV (United States, 3/2012).**

TWA: 1000 ppm 8 hours.

Distillates (petroleum), hydrotreated light

ACGIH TLV (United States, 3/2012). Absorbed through skin.TWA: 200 mg/m³, (as total hydrocarbon vapor) 8 hours.**Personal Protective Equipment (PPE)**

Eyes	Chemical splash goggles.
Body	Neoprene, Nitrile or Rubber gloves.
Respiratory	Use with adequate ventilation. Wear appropriate respirator when ventilation is inadequate.

**Section 9. Physical and Chemical Properties**

Physical State	Liquid.	Color	Milky-white
pH	6.5 to 7.5	Odor	Petroleum-like.
Boiling Point	Not available.	Vapor Pressure	Not available.
Specific Gravity	0.962	Vapor Density	>1 [Air = 1]
Solubility	Very slightly soluble in the following materials: cold water and hot water.	Evaporation Rate	Not available.

VOC (Consumer) <41 % (w/w) <3.29 lbs/gal (<394.4 g/l)

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Incompatibility	Reactive or incompatible with the following materials: oxidizing materials, acids and alkalis.
Hazardous Polymerization	Under normal conditions of storage and use, hazardous polymerization will not occur.
Hazardous Decomposition Products	carbon oxides (CO, CO ₂) and nitrogen oxides (NO, NO ₂ etc.)

Section 11. Toxicological Information**Acute Toxicity**

Butane	LC50 Inhalation Vapor	Rat	658000 mg/m ³	4 hours
Distillates (petroleum), hydrotreated light	LC50 Inhalation Vapor	Rat	>6.8 mg/l	4 hours
	LD50 Dermal	Rabbit	2000 to 4000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
Enforcer Bed Bug & Flea Fogger	LC50 Inhalation Vapor	Rat	>3.42 mg/l	4 hours
	LD50 Dermal	Rabbit	>2 g/kg	-
	LD50 Oral	Rat	>5 g/kg	-

Section 12. Ecological Information**Aquatic Ecotoxicity**

Distillates (petroleum), hydrotreated light	-	Acute LC50 2200 µg/l Fresh water	Fish - Bluegill - Lepomis macrochirus	4 days
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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 Code: D001
Classification: Ignitable hazardous waste.
Origin: RCRA waste.

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	-	Consumer commodity or Limited quantity	ORM-D	-	
TDG Classification	-	Limited quantity	-	-	
IMDG Class	-	Not determined.	-	-	

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:

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.

State Regulations**California Prop 65**

No products were found.

Canada**WHMIS (Canada)**

Not determined.

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.*