

Safety Data Sheet

ENFORCER

Zep Commercial Sales & Service
A unit of Zep Inc.
1310 Seaboard Industrial Blvd.
Atlanta, GA 30318
1-888-805-HELP (4357)
www.enforcer.com

Section 1. Chemical Product and Company Identification

Product name **Enforcer Bed Bug & Flea Killer**

Product code **EBBK**

Date of issue **12/06/11** **Supersedes None.**

This product is a registered pesticide. EPA ID No. 40849-80

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 !



MAY CAUSE SKIN IRRITATION.

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. Ingestion.

Eyes May cause eye irritation. Inflammation of the eye is characterized by redness, watering and itching.

Skin May cause slight transient irritation. Skin inflammation is characterized by itching, scaling, or reddening.

Inhalation No known acute effects of this product resulting from inhalation.

Ingestion Ingestion may cause gastrointestinal irritation and diarrhea.

Chronic effects No known chronic effects from exposure.

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

Deltamethrin

52918-63-5

0.03

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

Skin Contact Flush affected skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops.

Inhalation Inhalation not likely under normal use conditions. Move exposed person to fresh air.

Ingestion Do not induce vomiting unless directed to do so by medical personnel. Get medical attention immediately.

Section 5. Fire Fighting Measures

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



Flash Point	Closed cup: >93°C (>199.4°F)
Flammable Limits	Not available.
Flammability	Non-flammable.
Fire hazard	In a fire or if heated, a pressure increase will occur and the container may burst.
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	Put on appropriate personal protective equipment (see section 8). Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container.
-----------------------	--

Section 7. Handling and Storage

Handling	Put on appropriate personal protective equipment (see section 8). Store and use away from heat, sparks, open flame or any other ignition source. Do not get in eyes or on skin or clothing. Do not ingest. Do not reuse container. Wash thoroughly after handling. Apply this product only as specified on the label.
Storage	Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Protect from freezing. Keep container tightly closed and sealed until ready for use. Keep out of the reach of children.

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

Deltamethrin

Exposure limits

Manufacturer (United States).
 STEL: 100 µg/m³ 15 minute(s).
 TWA: 45 µg/m³ 8 hour(s).

Personal Protective Equipment (PPE)

Eyes	Recommended: Safety glasses.
Body	Wear appropriate protective clothing to prevent skin contact. Recommended: Neoprene gloves. Rubber gloves. Nitrile gloves.
Respiratory	No special ventilation requirements.

**Section 9. Physical and Chemical Properties**

Physical State	Liquid. [Slightly Viscous liquid.]	Color	Opaque.
pH	Not available.	Odor	Characteristic. [Slight]
Boiling Point	100°C (212°F)	Vapor Pressure	Not available.
Specific Gravity	1	Vapor Density	Not available.
Solubility	Soluble in the following materials: cold water and hot water.	Evaporation Rate	Not available.
		VOC (Consumer)	2.99 (g/l) 0.02 lbs/gal (0.3%)

Section 10. Stability and Reactivity

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

Section 11. Toxicological Information**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
-------------------------	--------	---------	------	----------

Section 12. Ecological Information

Environmental Effects	Highly toxic to: Bees, Fish, Aquatic invertebrates. Avoid contact of spilled material with soil and prevent runoff entering surface 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 Code: None.
Classification: Non-hazardous waste
Origin: RCRA waste.

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	Not regulated.	-	-	-	
TDG Classification	Not regulated.	-	-	-	

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) 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.

State Regulations

California Prop 65 No products were found.

Canada

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.

*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.