

Material Safety Data Sheet

ENFORCER Enforcer Products
A unit of Zep Inc.
P.O. Box 1060
Cartersville, GA 30120
1-888-805-HELP (4357)
www.enforcer.com

Section 1. Chemical Product and Company Identification

Product name Enforcer Bugmax Home Pest Control

Product code EBM

Date of issue 12/02/08 **Supersedes**

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.

No known chronic effects from exposure.

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

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 sewers or waterways.



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 determined.

Specific Gravity 1

Vapor Density Not determined.

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, CO₂)

Section 11. Toxicological Information**Acute Toxicity**

Product/ingredient name	Result	Species	Dose	Exposure
Deltamethrin	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>66.7 mg/kg	-

Section 12. Ecological Information

Environmental Effects This material is toxic to aquatic organisms. Avoid contact of spilled material with soil and prevent runoff entering surface waterways.

Aquatic Ecotoxicity

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-hazardous waste

Section 14. Transport Information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
DOT Classification	None.	Not regulated.			
TDG Classification	Not regulated.	Not a TDG-controlled material.			
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) 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.