

# Safety Data Sheet

## Section 1. Chemical Product and Company Identification

**Product name** Enforcer BugMax Spider & Scorpion Killer  
**Product code** EBMSS16  
**Date of issue** 10/10/13 **Supersedes** 12/12/12

This product is a registered pesticide. EPA Registration Number: 1021-1856-40849

### 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

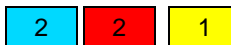
Compliance Services  
 1420 Seaboard Industrial Blvd.  
 Atlanta, GA 30318

## Section 2. Hazards Identification

### Emergency overview

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

CAUTION



CAUSES EYE IRRITATION. HARMFUL IF ABSORBED THROUGH SKIN OR IF SWALLOWED.

**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** Causes eye irritation. If splashed in the eyes, the liquid may cause irritation and reversible damage. Inflammation of the eye is characterized by redness, watering and itching.

**Skin** May cause skin irritation. May cause allergic reactions in certain individuals. Skin inflammation is characterized by itching, scaling, or reddening.

**Inhalation** Harmful by inhalation. Exposure can cause coughing, chest pains and difficulty in breathing.

**Ingestion** Exposure can cause stomach pains, vomiting and diarrhea.

**Chronic effects** Pre-existing skin disorders may be aggravated by over-exposure to this product.

**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

Butane	106-97-8	1 - 10
Distillates (petroleum), hydrotreated light	64742-47-8	1 - 5
propane	74-98-6	1 - 5

## Section 4. First Aid Measures

**Eye Contact** Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Call medical attendant, medical doctor, or poison control center.

**Skin Contact** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call medical attendant, medical doctor, or poison control center.

**Inhalation** Move exposed person to fresh air. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, Get medical attention immediately.

**Ingestion** Call medical doctor or poison control center immediately. Do not induce vomiting unless directed to do so by medical personnel. Do not use water. Never give anything by mouth to an unconscious person.

**Section 5. Fire Fighting Measures**

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



<b>Flash Point</b>	Not available.
<b>Flammable Limits</b>	Not available.
<b>Flammability</b>	Not available.
<b>Fire hazard</b>	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.
<b>Fire-Fighting Procedures</b>	Use an extinguishing agent suitable for the surrounding fire.

**Section 6. Accidental Release Measures**

**Spill Clean up** Spills are unlikely due to packaging.

**Section 7. Handling and Storage**

<b>Handling</b>	Do not get in eyes, on skin or on clothing. Avoid breathing vapor or mist. Wash thoroughly after handling. Wash contaminated clothing before reusing.
<b>Storage</b>	Store in a dry, cool and well-ventilated area. Keep only in original container. Do not reuse 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**

Butane

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

TWA: 800 ppm 8 hours.

TWA: 1900 mg/m<sup>3</sup> 8 hours.**NIOSH REL (United States, 1/2013).**

TWA: 800 ppm 10 hours.

TWA: 1900 mg/m<sup>3</sup> 10 hours.**ACGIH TLV (United States, 3/2012).**

TWA: 1000 ppm 8 hours.

**ACGIH TLV (United States, 3/2012). Absorbed through skin.**TWA: 200 mg/m<sup>3</sup>, (as total hydrocarbon vapor) 8 hours.**OSHA PEL 1989 (United States, 3/1989).**

TWA: 1000 ppm 8 hours.

TWA: 1800 mg/m<sup>3</sup> 8 hours.**NIOSH REL (United States, 1/2013).**

TWA: 1000 ppm 10 hours.

TWA: 1800 mg/m<sup>3</sup> 10 hours.**OSHA PEL (United States, 6/2010).**

TWA: 1000 ppm 8 hours.

TWA: 1800 mg/m<sup>3</sup> 8 hours.**ACGIH TLV (United States, 3/2012).**

TWA: 1000 ppm 8 hours.

Distillates (petroleum), hydrotreated light

propane

**Personal Protective Equipment (PPE)**

<b>Eyes</b>	Safety glasses.
<b>Body</b>	For prolonged or repeated handling, use Gloves
<b>Respiratory</b>	A respirator is not needed under normal and intended conditions of product use.

**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Liquid. [Aerosol.]	<b>Color</b>	Milky-white
<b>pH</b>	6.5 to 7.5	<b>Odor</b>	Solvent.
<b>Boiling Point</b>	Not available.	<b>Vapor Pressure</b>	Not available.
<b>Specific Gravity</b>	0.986	<b>Vapor Density</b>	>1 [Air = 1]
<b>Solubility</b>	Easily soluble in the following materials: cold water and hot water.	<b>Evaporation Rate</b>	Not available.
		<b>VOC (Consumer)</b>	12 % (w/w) 0.987 lbs/gal (118.3 g/l)

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Incompatibility</b>	Reactive or incompatible with the following materials: oxidizing materials, acids and alkalis.
<b>Hazardous Polymerization</b>	Under normal conditions of storage and use, hazardous polymerization will not occur.
<b>Hazardous Decomposition Products</b>	carbon oxides (CO, CO <sub>2</sub> )

**Section 11. Toxicological Information****Acute Toxicity**

Butane	LC50 Inhalation Vapor	Rat	658000 mg/m <sup>3</sup>	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 BugMax Spider & Scorpion Killer	LD50 Dermal	Rabbit	>2000 mg/kg	-
	LD50 Oral	Rat	>2000 mg/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** Classification: Non-hazardous waste  
Origin: RCRA waste.

**Section 14. Transport Information**

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label
<b>DOT Classification</b>	-	Consumer commodity or Limited quantity	ORM-D	-	
<b>TDG Classification</b>	-	Limited quantity	-	-	
<b>IMDG Class</b>	UN1950	AEROSOLS, non-flammable Marine pollutant (Distillates (petroleum), hydrotreated light) or Limited quantity	2.2	-	 

**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)**

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.