

Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product name **Enforcer Bed Bug Spray**
Product code **EBBK14**
Date of issue **07/30/13** **Supersedes None.**

EPA Registration Number: 1021-1767-40849

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

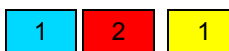
Compliance Services
1420 Seaboard Industrial Blvd.
Atlanta, GA 30318

Section 2. Hazards Identification

Emergency overview

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

CAUTION !



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. 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 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

| <u>Name of Hazardous Ingredients</u> | <u>CAS number</u> | <u>% by Weight</u> |
|--|-------------------|--------------------|
| Isobutane | 75-28-5 | 1 - 20 |
| Distillates (petroleum), hydrotreated light | 64742-47-8 | 1 - 5 |
| N-octyl bicycloheptene dicarboximide; N-(2-ethylhexyl)-8,9,10-trinorborn-5-ene-2,3-dicarboximide | 113-48-4 | 1.53 |

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 | Not applicable. |
| 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**

Isobutane

Exposure limits

NIOSH REL (United States, 6/2009).
 TWA: 800 ppm 10 hour(s).
 TWA: 1900 mg/m³ 10 hour(s).
 ACGIH TLV (United States, 2/2010).
 TWA: 1000 ppm 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. Aerosol. | Color | White. Opaque. |
| pH | 7.43 | Odor | Characteristic. Sweetish. [Slight] |
| Boiling Point | 100°C (212°F) | Vapor Pressure | Not available. |
| Specific Gravity | 1 | Vapor Density | Not available. |
| Solubility | Partially soluble in the following materials: cold water and hot water. | Evaporation Rate | Not available. |
| | | VOC (Consumer) | 13.1 % (w/w) 1.08 lbs/gal (129.1 g/l) |

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 |
|-------------------------|--------|---------|------|----------|
|-------------------------|--------|---------|------|----------|

| | | | | |
|---|-----------------------|--------|--------------------|---------|
| Isobutane | LC50 Inhalation Vapor | Rat | 658000 mg/m3 | 4 hours |
| Distillates (petroleum), hydrotreated light | LC50 Inhalation Vapor | Rat | >6.8 mg/l | 4 hours |
| | LD50 Dermal | Rabbit | 2000 to 4000 mg/kg | - |
| N-Octyl Bicyclosheptene Dicarboximide; N-(2-ethylhexyl)-8,9,10-trinorborn-5-ene-2,3-dicarboximide | LD50 Oral | Rat | >5000 mg/kg | - |
| | LD50 Dermal | Rabbit | 470 mg/kg | - |
| | LD50 Dermal | Rat | 470 mg/kg | - |
| | LD50 Oral | Rat | 2800 mg/kg | - |

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

| | | | | |
|---|---|-------------------------------------|---|----------|
| Distillates (petroleum), hydrotreated light | - | Acute LC50 2200 ug/L Fresh water | Fish - Bluegill - Lepomis macrochirus - 35 to 75 mm | 4 days |
| N-Octyl Bicyclosheptene Dicarboximide; N-(2-ethylhexyl)-8,9,10-trinorborn-5-ene-2,3-dicarboximide | - | Acute EC50 2.3 ppm Fresh water | Daphnia - Water flea - Daphnia magna - 24 hours | 48 hours |
| | - | Acute LC50 1.4 ppm Fresh water | Fish - Rainbow trout, donaldson trout - Oncorhynchus mykiss | 96 hours |

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 | | Consumer commodity or Limited quantity | ORM-D | - | |
| TDG Classification | Not determined | - | - | - | |
| 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

None of the components are listed.

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.*