

# Material Safety Data Sheet

## and Safe Handling and Disposal Information

### Section 1. Chemical Product and Company Identification

**Product name**      **Enforcer BugMax Insect Killer Concentrate**

**Product Code**      **EBMIK16**

**Date of issue**      **10/28/04**      **Supersedes**

This product is a registered pesticide. Number: 73049-402-40849

**Emergency Telephone Numbers**      **For MSDS Information:**  
 Compliance Services (404) 352-1680

**For a Medical Emergency:**  
 INFOTRAC  
 (877) 541-2016 (Toll Free - Calls Recorded)

**For a Transportation Emergency:**  
 CHEMTREC  
 (800) 424-9300 (Toll Free - Calls Recorded)

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### Section 2. Composition, Information on Ingredients

Name of Hazardous Ingredients	CAS #	% by Weight	Exposure Limits
Ultratec AC; Deltamethrin; (s)-cyano-3-phenoxybenzyl-(1R, 3R)-3(2,2-dibromovinyl)-2,2-dimethylcyclopropanecarboxylate	52918-63-5	1	<b>ACGIH TLV (United States).</b> STEL: 100 mg/m <sup>3</sup> 15 minute(s). TWA: 45 mg/m <sup>3</sup> 8 hour(s).

### Section 3. Hazards Identification

**Acute Effects**      **Routes of Entry** Dermal contact. Inhalation.

**Skin**      Hazardous in case of skin contact (irritant). Direct contact may cause irritation and redness.

**Eyes**      Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

**Inhalation**      Hazardous in case of inhalation. Avoid breathing vapors or spray mists. Over-exposure by inhalation may cause respiratory irritation.

**Ingestion**      Do not ingest. Can cause gastrointestinal disturbances.

HMIS	
<b>Health</b>	<b>1</b>
<b>Fire Hazard</b>	<b>1</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>B</b>

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

**Chronic Effects**      Over-exposure by inhalation may cause respiratory irritation. May be harmful by inhalation after often repeated exposure. Prolonged or repeated contact may dry skin and cause irritation.

**See Toxicological Information (section 11)**

### Section 4. First Aid Measures

**Eye Contact**      Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Skin Contact**      In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation develops.

**Inhalation**      If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Ingestion**      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

**Flash Point**      Closed cup: >93.33°C (200°F).      **Flammable Limits** Not available.

**Flammability**      Non-flammable.

**Fire Hazard**      Not applicable.

**Fire-Fighting Procedures**      Use DRY chemicals, CO<sub>2</sub>, water spray or foam. 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). Absorb with an inert material and put the spilled material in an appropriate waste disposal.

**Section 7. Handling and Storage**

**Handling** Avoid contact with eyes, skin and clothing. DO NOT breathe vapors or spray mist. Use with adequate ventilation. Wash thoroughly after handling. Observe label precautions. Do not use in and around electrical equipment due to the possibility of shock hazard. Do not reuse product container.

**Storage** Keep container tightly closed. Keep container in a cool, well-ventilated area. Protect from freezing. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material. Do not contaminate water by cleaning of equipment or disposal of wastes. Keep out of the reach of children.

**Section 8. Exposure Controls, Personal Protection****Personal Protection****Protective Clothing (Pictograms)**

**Eyes** Safety glasses.

**Body** Rubber gloves. Neoprene gloves. Nitrile gloves. Wear appropriate protective clothing to prevent skin contact.

**Respiratory** Use with adequate ventilation. A respirator is not needed under normal and intended conditions of product use.

**Section 9. Physical and Chemical Properties**

**Physical State** Liquid.

**pH** 3.0 - 4.0

**Boiling Point** 100°C (212°F)

**Specific Gravity** 1 (Water = 1)

**Solubility** Soluble in cold water, hot water.

**Color** White. Hazy liquid.

**Odor** Characteristic. (Slight.)

**Vapor Pressure** Not determined.

**Vapor Density** Not determined.

**Evaporation Rate** Not determined.

**VOC (Consumer)** 0 (g/l).

**Section 10. Stability and Reactivity**

**Stability and Reactivity** The product is stable.

**Incompatibility** Reactive with oxidizing agents, acids.

**Hazardous Polymerization** Will not occur.

**Hazardous Decomposition Products** carbon oxides (CO, CO<sub>2</sub>), various hydrocarbons

**Section 11. Toxicological Information**

**Toxicity to Animals** Not available.

**Section 12. Ecological Information**

**Ecotoxicity** Toxic to aquatic organisms. Keep out of waterways. Toxic to bees. Do not use product when weather conditions allow drift from areas treated.

**Biodegradable/OECD** Not available.

**Section 13. Disposal Considerations**

**Waste Information** Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**Waste Stream** Non-hazardous waste Handle as a Pesticide waste. Do not bury, Do not dispose of with Commercial or Household waste.

**Consult your local or regional authorities.**

**Section 14. Transport Information**

**Proper shipping name** Pyrethroid pesticide, liquid, toxic, nos (deltamethrin) or Consumer Commodity ORM-D in Limited Quantity

**DOT Classification** 6.1

**UN number** UN 3352

**TDG Classification** 6.1

**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.

**State Regulations** California prop. 65: No products were found.

**WHMIS (Canada)** Not controlled under WHMIS (Canada).

**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.*