

**Material Safety Data Sheet  
and Safe Handling and Disposal Information**

**Section 1. Chemical Product and Company Identification**

**Product name** BugMax365

**Product Code** EBMOY32-128

**Date of issue** 09/22/03 **Supersedes**

This product is a registered pesticide. Number:  
73049-187-40849

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**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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**Prepared by** Compliance Services Group  
Acuity Specialty Products Group  
1420 Seaboard Industrial Blvd.  
Atlanta, GA 30318

**Section 2. Composition, Information on Ingredients**

| Name of Hazardous Ingredients | CAS #      | % by Weight | Exposure Limits  |
|-------------------------------|------------|-------------|--|
| Deltamethrin                  | 52918-63-5 | 0.03        | <b>Manufacturer (United States).</b><br>STEL: 100 µg/m <sup>3</sup><br>TWA: 45 µg/m <sup>3</sup> |

**Section 3. Hazards Identification**

**Acute Effects** **Routes of Entry** Skin contact Eye contact. Ingestion.

**Skin** May cause slight transient irritation. Direct contact may cause irritation and redness.

**Eyes** Hazardous in case of eye contact (irritant).

**Inhalation** Unlikely in this form. Over-exposure by inhalation may cause respiratory irritation.

**Ingestion** Ingestion may cause gastrointestinal irritation and diarrhea.

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

**Chronic Effects** Repeated exposure to a highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

**See Toxicological Information (section 11)**

**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> |

**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 for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention immediately.

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

**Ingestion** If swallowed, 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.

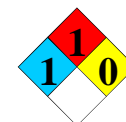
**Section 5. Fire Fighting Measures**

**Flash Point** Closed cup: >93°C (199.4°F). **Flammable Limits** Not available.

**Flammability** Not available.

**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. Fire-fighters should wear proper protective equipment.



**Section 6. Accidental Release Measures**

**Spill Clean up** Absorb with an inert material and put the spilled material in an appropriate waste disposal container.

**Section 7. Handling and Storage**

**Handling** Avoid contact with eyes, skin and clothing. Do not ingest. Store and use away from heat, sparks, open flame, or any other ignition source. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

**Storage** Keep container tightly closed. Keep container in a cool, well-ventilated area. Protect from freezing. Keep out of the reach of children.

**Section 8. Exposure Controls, Personal Protection****Personal Protection**

**Eyes** Safety glasses.

**Body** Gloves.

**Respirator** No respiratory protection needed under normal use conditions.

**Protective Clothing (Pictograms)****Section 9. Physical and Chemical Properties**

**Physical State** Slightly Viscous liquid.

**pH** Not available.

**Boiling Point** 100°C (212°F)

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

**Solubility** Not available.

**Color** Opaque.

**Odor** Characteristic. (Slight.)

**Vapor Pressure** Not available.

**Vapor Density** Not available.

**Evaporation Rate** Not available.

**VOC (Consumer)** 0.02 lb/gal (0.3%)

**Section 10. Stability and Reactivity**

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

**Incompatibility** Not available.

**Hazardous Polymerization** Will not occur.

**Hazardous Decomposition Products** Carbon oxides (CO, CO<sub>2</sub>) and water, nitrogen oxides (NO, NO<sub>2</sub> ...).

**Section 11. Toxicological Information****Toxicity to Animals****Deltamethrin:**

ORAL (LD50): Acute: >66.7 mg/kg [Rat].

DERMAL (LD50): Acute: >2000 mg/kg [Rabbit].

**Section 12. Ecological Information**

**Ecotoxicity** The substance is toxic to Bees, Fish, and Aquatic Invertebrates.

**Biodegradable/OE** 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

**Consult your local or regional authorities.**

**Section 14. Transport Information**

**Proper shipping name** Not regulated.

**DOT Classification** Not a DOT controlled material (United States).

**UN number** None.

**TDG Classification** Not a TDG controlled material.

**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: Benzene

**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.*