**Material Safety Data Sheet**

**Complies with OSHA’s Hazard Communication Standard, 29 CFR 1910.1200**

---

### I Trade Name: Spectracide® Ant Shield Home Barrier Insect Killer

**Product Type:** Ready-to-use insecticide

**Product Item Number:** 51300  **Formula Code Number:** 21-0769

**EPA Registration Number:** 9688-176-8845  **Manufacturer:**

Chemisco
Division of United Industries Corporation
8494 Chapin Industrial Drive
St. Louis, MO 63114

**Emergency Telephone Numbers**

- **For Chemical Emergency:** 1-800-633-2873
- **For Information:** 1-800-917-5438

**Prepared by:** C. A. Duckworth  **Date Prepared:** January 18, 2006

---

### II Hazards Ingredient/Identity Information

<table>
<thead>
<tr>
<th>Chemical</th>
<th>%</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lambda-cyhalothrin</td>
<td>0.03</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>CAS #91465-08-6</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Appearance & Odor:** Water-thin, translucent, water-white liquid with a slight odor.

**Boiling Point:** 220°F

**Melting Point:** NA

**pH:** 5.0-6.0

**Specific Gravity:** 1.0 (H₂O = 1)

**Vapor Density:** Greater than 1 (Air = 1)

**% Volatile (by vol.):** 95%

**Solubility in Water:** >99%

**Evaporation Rate:** Less than 1 (Butyl Acetate = 1)

---

### IV Fire and Explosive Hazards Data

**Flash Point:** >200°F

**Flammable Limits:** NA

**Autoignition Temperature:** NA

**Fire Extinguishing Media:** Water fog, Carbon dioxide, Dry chemical

**Decomposition Temperature:** NA

**Special Fire-Fighting Procedures:** Use procedures for elimination of original fire source.

**Unusual Fire & Explosion Hazards:** None. Also see Section V.

### III Physical and Chemical Characteristics

**Stability:** Stable

**Polymerization:** Will not occur

**Conditions to Avoid:** None

**Incompatible Materials:** NA

**Hazardous Decomposition or Byproducts:** NA

---

### VI Health Hazard Data

**Skin Contact:** Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing.

**First Aid:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.

**Special Notes:** Have the product label with you when calling a Poison Control Center or doctor.

**Health conditions Aggravated by Exposure:** None known

**Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens:** None

---

### VIII Control Measures

Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.

**DOT:** Not Regulated by DOT (limited quantity exception)

**IMDG:** Not Regulated by IMDG (limited quantity exception)

**IATA:** Not Regulated by IATA (limited quantity exception)

---

The information and statements herein are believed to be reliable but are not to be construed as warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.