**Material Safety Data Sheet**

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

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**I Trade Name:** Black Flag® Ant & Roach Killer

**Product Type:** Aerosol insecticide

<table>
<thead>
<tr>
<th>EPA Registration Number</th>
<th>Manufacturer</th>
<th>Emergency Telephone Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>9688-246</td>
<td>Chemsico</td>
<td>For Chemical Emergency: 1-800-633-2873</td>
</tr>
<tr>
<td></td>
<td>Division of United Industries Corporation</td>
<td>For Information: 1-800-887-3524</td>
</tr>
<tr>
<td></td>
<td>8494 Chapin Industrial Drive</td>
<td>Prepared by: C. A. Duckworth</td>
</tr>
<tr>
<td></td>
<td>St. Louis, MO 63114</td>
<td>Date Prepared: September 20, 2012</td>
</tr>
</tbody>
</table>

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**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>Mineral spirits</td>
<td>4.50</td>
<td>100 ppm</td>
<td>100 ppm</td>
</tr>
<tr>
<td>Diethylene Glycol Monobutyl ether CAS#112-34-5</td>
<td>1.50</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Imiprothrin CAS# 72963-72-5</td>
<td>0.10</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>Lambda-cyhalothrin CAS# 91465-08-6</td>
<td>0.025</td>
<td>NA</td>
<td>2000 mg/kg (skin)</td>
</tr>
<tr>
<td>Hydrocarbon Propellant blend CAS #75-28-5/106-97-8/74-98-6</td>
<td>4.50</td>
<td>NE</td>
<td>NE</td>
</tr>
</tbody>
</table>

**Appearance & Odor:** Wet narrow fan spray with clear wet film and glycol ether odor. Fragrance in some.

**Boiling Point:** NA

**Melting Point:** NA

**Vapor Pressure:** 110 psig at 54°F/130°C

**Specific Gravity:** 0.97 (H₂O = 1)

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

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

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

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**IV Fire and Explosive Hazards Data**

**Flash Point:** 144°F (TCC)

**Flame Extension:** 0-inches (Level 1 Aerosol)

**Flammable Limits:** NA

**Autoignition Temperature:** NA

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

**Decomposition Temperature:** NA

**Special Fire-Fighting Procedures:** Keep cans cool. Use equipment or shielding to protect personnel against bursting, rupturing or venting cans.

**Unusual Fire & Explosion Hazards:** At elevated temperatures (over 54°C/130°F), cans may vent, rupture or burst. Also see Section V.

**Stability:** Stable

**Polymerization:** Will not occur

**Conditions to Avoid:** Temperatures over 130°F

**Incompatible Materials:** NA

**Hazardous Decomposition or Byproducts:** Carbon dioxide, carbon monoxide

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**VII Precautions for Safe Handling and Use**

**Steps to be Taken in Case Material is Released or Spilled:**

- Avoid breathing vapors. Avoid contact with liquid. Remove ignition sources. Soak up spills with absorbent material.

**Waste Disposal:**

- Do not puncture or incinerate! If empty: Place in trash or offer for recycling if available. If partially filled: Call your local solid waste agency for disposal instructions.

**Handling & Storage Precautions:**

- Do not store where temperatures can exceed 54°C/130°F.

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**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.

**IX Transportation Data**

- DOT: Consumer Commodity, ORM-D, UN-1950
- IMDG: UN-1950, Aerosols, 2.1
- IATA: UN-1950, Aerosols, Flammable, 2.1

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