Material Safety Data Sheet

**I Trade Name:** Spectracide Bug & Weed Killer For Lawns Concentrate

**Product Type:** liquid insecticide/herbicide concentrate

**Product Item Number:** HG-96089 A; HG-96091 A

**Formula Code Number:** 21-1189

**EPA Registration Number:** 9688-289-8845

**Manufacturer:** Chemsico
Division of United Industries Corporation
8494 Chapin Industrial Drive
St. Louis, MO 63114

**For Chemical Emergency:** 1-800-633-2873
**For Information:** 1-800-917-5438
**Prepared by:** C. A. Duckworth
**Date Prepared:** July 20, 2011

**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>2,4-D, dimethylamine salt</td>
<td>4.74</td>
<td>NA</td>
<td>10 mg/m³</td>
</tr>
<tr>
<td>CAS #2008-39-1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mecoprop-p, dimethylamine</td>
<td>1.14</td>
<td>NA</td>
<td>NE</td>
</tr>
<tr>
<td>CAS #32351-70-5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diamba, dimethylamine salt</td>
<td>0.53</td>
<td>NA</td>
<td>NE</td>
</tr>
<tr>
<td>CAS #2300-66-5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gamma-cyhalothrin</td>
<td>0.08</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>CAS#76703-62-3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**III Physical and Chemical Characteristics**

- **Appearance & Odor:** Clear, light yellow to light brown, water-thin solution with a mild phenolic odor.
- **Boiling Point:** 215º F
- **CAS #:** 2008-39-1
- **Melting Point:** NA
- **Vapor Pressure:** NA
- **Specific Gravity:** 1.02 (H₂O = 1)
- **Vapor Density:** Greater than 1 (Air = 1)
- **% Volatile (by vol.):** 99%
- **Solubility in Water:** 100%
- **Evaporation Rate:** Less than 1 (Butyl Acetate = 1)

**IV Fire and Explosive Hazards Data**

- **Flash Point:** >200F
- **Flammable Limits:** NA
- **Autoignition Temperature:** NA
- **Water fog, Carbon dioxide, Dry chemical**
- **Decomposition Temperature:** NA
- **Special Fire-Fighting Procedures:** Use procedures for elimination of original source of fire.

**V Reactivity Data**

- **Stability:** Stable
- **Polymerization:** Will not occur
- **Conditions to Avoid:** None
- **Incompatible Materials:** NA
- **Hazardous Decomposition or Byproducts:** NA

**VI Health Data**

**Ingestion (Swallowing):** Harmful if swallowed. **First Aid:** Call a doctor or Poison Control Center immediately. Drink a glass of water if able to swallow. Do not induce vomiting unless told to do so by a doctor or Poison Control Center. Do not give anything by mouth to an unconscious person. **Eye Contact:** Causes moderate eye irritation. **First Aid:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present after the first 5 minutes then continue rinsing eye. Inhalation: First Aid: Move person to fresh air. If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably mouth to mouth. Call a Poison Control Center or doctor for treatment advice.

Have the product container or 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

**VII Precautions for Safe Handling and Use**

**Steps to be Taken in Case Material is Released or Spilled:**
- Avoid contact with liquid. Soak up with absorbent material.

**Waste Disposal:**
- If empty: Non refillable container. Do not reuse or refill this container. Place n trash or offer for recycling. If partly filled: Call local waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**Handling & Storage Precautions:**
- Store away from children or pets in cool dry area. Do not allow product to freeze.

**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:** Not Regulated by DOT
- **IATA:** Not Regulated by IATA
- **IMDG:** Not Regulated by IMDG

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.**