### I Trade Name: Repel® Insect Repellent Scented Family Formula 15% Deet

**Product Type:** Aerosol Insect repellent

**Product Item Number:** HG-94136

**Formula Code Number:** 21-1341/21-0666/01-1005

**EPA Registration Number:** 305-48

**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: 1-888-8801181
- Prepared by: C. A. Duckworth
- Date Prepared: June 18, 2013

### 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>DEET (N,N-diethyl-m-</td>
<td>15.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>toluamide)</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>CAS# 134-62-3 Ethanol</td>
<td>34.0</td>
<td>1000 ppm</td>
<td>1000 ppm</td>
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<tr>
<td>CAS #64-17-5 Hydrocarbon Propellant</td>
<td>8.0</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>CAS #75-28-5</td>
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</tbody>
</table>

### III Physical and Chemical Characteristics

- **Appearance & Odor:** Light mist spray with an alcohol odor
- **Boiling Point:** NA
- **Vapor Pressure:** NA
- **Specific Gravity:** 0.88 at 72º F (H2O = 1)
- **Vapor Density:** 1.6
- **% Volatile (by vol.):** >90%
- **Solubility in Water:** NA
- **Evaporation Rate:** Approximately 1 (Butyl Acetate = 1)

### IV Fire and Explosive Hazards Data

- **Flash Point:** 85ºF
- **Flame Extension:** 18” (Level 1 Aerosol)
- **Autoignition Temperature:** N/A
- **Fire Extinguishing Media:** Carbon dioxide, Foam, Dry chemical
- **Decomposition Temperature:** NA
- **Special Fire-Fighting Procedures:** For Small Fires: Use Carbon dioxide or dry chemical extinguisher. For Large Fires: Use copious amounts of water.
- **Unusual Fire and Explosion Hazards:** Also see Section VII

### V Reactivity Data

- **Stability:** Stable
- **Polymerization:** Will not occur
- **Conditions to Avoid:** None
- **Incompatible Materials:** May soften or damage some synthetics such as rayon. May damage leather.
- **Hazardous Decomposition or Byproducts:** None

### VI Health Hazard Data

- **Ingestion:** Harmful if swallowed. **First Aid:** Contact a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.
- **Special Notes:** Use of this product may cause skin reactions in rare cases. If you suspect a reaction to this product discontinue use. Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Contact a Poison Control Center or doctor. Have the product container with you when calling or going for treatment.
- **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:** Flammable material. Remove all possible ignition sources. Soak up with absorbent material. Wash small quantities away with soapy water.
- **Waste Disposal:** Do not puncture or incinerate. If empty: Place in trash or offer for recycling. If partially filled: Call your local solid waste disposal agency for disposal instructions.
- **Handling & Storage Precautions:** Keep away from heat, sparks, or open flame. Exposure to temperatures higher than 130°F may cause bursting.

### 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

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.