Material Safety Data Sheet


I Trade Name: Repel Insect Repellent Sportsmen Max Formula 40% DEET

Product Type: Aerosol Insect repellent

Product Item Number: 33800.1  Formula Code Number: 21-0750

EPA Registration Number: 305-46  Manufacturer: Chemisico
Division of United Industries Corporation
8494 Chapin Industrial Drive
St. Louis, MO 63114

III Physical and Chemical Characteristics

### Chemical

<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>40.00</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>toluamide)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS #134-62-3</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th>Chemical</th>
<th>%</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>43.7</td>
<td>100ppm</td>
<td>100ppm</td>
</tr>
<tr>
<td>CAS #64-17-5/</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>977021-81-0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hydrocarbon Propellant</td>
<td>15.0</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>CAS #75-28-5/74-98-6</td>
<td></td>
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</tbody>
</table>

### Appearance & Odor

Light mist spray with an alcohol odor

### Boiling Point

NA

### Vapor Pressure

NA

### Specific Gravity

NA

### % Volatile (by vol.)

>90%

### Solubility in Water

NA

### Vapor Density

1.6

### Evaporation Rate

Approximately 1 (Butyl Acetate = 1)

IV Fire and Explosive Hazards Data

<table>
<thead>
<tr>
<th>Flash Point</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flame Extension:</td>
<td>18''</td>
</tr>
<tr>
<td>Autodestruction Temperature:</td>
<td>N/A</td>
</tr>
<tr>
<td>Fire Extinguishing Media:</td>
<td>Carbon dioxide, Foam, Dry chemical</td>
</tr>
<tr>
<td>Decomposition Temperature:</td>
<td>NA</td>
</tr>
</tbody>
</table>

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. If in eyes: Causes substantial but temporary eye injury. 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.

**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 or 1-800-CLEANUP 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, Hazard Class ORM-D (Limited Quantity Exception)

**IMDG:** Aerosols (Maximum 1 Liter), Hazard Class 2, UN-1950, Packing Group III

**IATA:** Aerosols, Flammable, Containing Substances in Division 6.1, Packing Group III (Each Not Exceeding 1 Liter Capacity), Hazard Class 2.1, UN-1950, Packing Group III

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