Material Safety Data Sheet


I Trade Name: Unscented Backwoods Cutter Insect Repellent

Product Type: Insect Repellent Aerosol

Product Item Number: 53655

Formula Code Number: 21-0394

EPA Registration Number: 121-68

Manufacturer: Chemisco
8494 Chapin Industrial Dr.
St. Louis, MO 63114

Emergency Telephone No.
For Chemical Emergency: 1-800-633-2873
For Information: 1-800-332-5553
Prepared by: H.L. Pauls
Date Prepared: October 18, 2004

II Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Chemical</th>
<th>%</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>N,N-diethyl-m-Toluamide (DEET)</td>
<td>23</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>SDA-40 Ethanol</td>
<td>35</td>
<td>NA</td>
<td>1000 ppm</td>
</tr>
<tr>
<td>Isobutane</td>
<td>10</td>
<td>NE</td>
<td>NE</td>
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</tbody>
</table>

Appearance and Odor: Clear, colorless or pale yellow liquid with ethanolic odor.

Boiling Point: 75°C

Specific Gravity: 0.88 @ 72°F (H₂O=1)

% Volatile (by vol.): 65

Solubility in Water: Not known

Evaporation Rate: Approx. 1 (BuOAc=1)

III Physical and Chemical Characteristics

IV Fire and Explosion Hazard Data

Flash Point: 56°F (Closed Cup)

Flame Extension: 18”

Flammable Limits: Lower: 3.3% Upper: 19.0%

Autoignition Temp.: 793°F

Fire Extinguishing Media: CO₂, Foam, or Dry Chemical

Decomposition Temp.: N/A

Special Fire-Fighting Procedures: For small fires: Use CO₂ or dry chemical extinguisher. For large fires: Use copious amounts of water.

Unusual Fire and Explosion Hazards: 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 (Swallowing): Harmful if swallowed. First Aid: Consult a physician or poison control. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

Eye Contact: May cause eye irritation. First Aid: Flush with plenty of water. Get medical attention.

Skin Contact: If skin reaction occurs, wash with soap and water. Get medical attention if irritation persists.

Inhalation Toxicity: Avoid breathing spray mist or using in enclosed area.

Special Notes: Apply only to skin or clothing, do not ingest. Keep out of eyes. Frequent reapplication or saturation is unnecessary.

Health Conditions Aggravated by Exposure: None

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. Wipe up with absorbent material. Wash small quantities away with soapy water. Prevent bulk quantities from entering open sewers and waterways.

Waste Disposal: This material is flammable and must be disposed of in accordance with Local, State and Federal regulations. Do not puncture or incinerate empty container; dispose of properly.

Handling & Storage Precautions: Keep away from heat, sparks or open flame. Do not expose treated skin to fire sparks or flame until liquid has dried.

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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