# Material Safety Data Sheet

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

## I Trade Name: Cutter® Insect Repellent

**Product Type:** Insect repellent

**Product Item Number:** 51025

**Formula Code Number:** 21-0747

**EPA Registration Number:** 121-77

**Chemicals:**

<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-toluamide)</td>
<td>7.0</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>CAS# 134-62-3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SDA-40 Ethanol</td>
<td>50.0</td>
<td>NA</td>
<td>1000 ppm</td>
</tr>
<tr>
<td>CAS# 64-17-5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## II Hazards Ingredient/Identity Information

**Appearance & Odor:** Clear, colorless or pale light-yellow liquid, with a fresh, clean scent.

**Boiling Point:** 75°C

**Vapor Pressure:** 43 mm at 20°C

**Specific Gravity:** 0.835 at 72°F (H₂O = 1)

**CAS# 134-62-3**

**% Volatile (by vol.):** 78%

**Solubility in Water:** Not known

**Evaporation Rate:** Approximately 1 (Butyl Acetate = 1)

## III Physical and Chemical Characteristics

**Flamability:** 2

**Reactivity:** 0

**Personal:** None

**Health:** 1

**Reactivity Data**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>85°F</td>
</tr>
<tr>
<td>Flame Extension</td>
<td>12-15” (level 1 Aerosol)</td>
</tr>
<tr>
<td>Autoginition 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>
<tr>
<td>Spontaneous Combustion</td>
<td>No</td>
</tr>
</tbody>
</table>

**Special Fire-Fighting Procedures:**
For Small Fires: Use Carbon dioxide or dry chemical extinguisher. For Large Fires: Use copious amounts of water.

**Incompatible Materials:** May soften or damage some synthetics such as rayon. May damage leather.

**Decomposition Temperature:** NA

**Special Notes:** Avoid contact with lips, open cuts or irritated skin.

**Health Conditions Aggravated by Exposure:** None known

## IV Fire and Explosive Hazards Data

**Ingestion (Swallowing):** Harmful if swallowed. **First Aid:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger.

**Eye Contact:** May irritate eyes. **First Aid:** Flush with plenty of water. Get medical attention.

**Skin Contact:** May cause skin reactions in rare cases. If so, wash thoroughly with soap and water. Get medical attention if irritation persists.

**Special Notes:** Avoid contact with lips, open cuts or irritated skin.

**Health Conditions Aggravated by Exposure:** None known

**Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens:** None

## V Reactivity Data

**Stability:** Stable

**Polymerization:** Will not occur

**Conditions to Avoid:** None

**Unusual Fire and Explosion Hazards:** Also see Section VII

**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. Prevent bulk quantities from entering open sewers and waterways.

**Waste Disposal:** This material is flammable. Give to a qualified waste disposal service.

**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.

## VI Health Hazard Data

**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. Prevent bulk quantities from entering open sewers and waterways.

**Waste Disposal:** This material is flammable. Give to a qualified waste disposal service.

**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.

## VII Precautions for Safe Handling and Use

**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

**DOT:** Consumer Commodity, Hazard Class ORM-D (Limited Quantity Exception)

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

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