Material Safety Data Sheet


I Trade Name: Cutter® All Family Insect Repellent

Product Type: Insect repellent

Product Item Number: 51070.2

Formula Code Number: 21-

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-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>39.0</td>
<td>NA</td>
<td>1000 ppm</td>
</tr>
<tr>
<td>CAS# 64-17-5</td>
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</tbody>
</table>

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)

Volatility (% by vol.): 84%

Solubility in Water: Not known

Evaporation Rate: Approximately 1 (Butyl Acetate = 1)

IV Fire and Explosive Hazards Data

Flash Point: 85°F (PMCC)

Autoignition Temperature: 793°F

Fire Extinguishing Media: Carbon dioxide, Foam, Dry chemical

Decomposition Temperature: NA


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 (Swallowing): Harmful if swallowed. First Aid: Call a physician or Poison Control Center. Get medical attention.

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

Skin Contact: May cause skin reactions in rare cases. Avoid contact with lips, open cuts or irritated skin. Thoroughly wash 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

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. 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.

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-1993, PG-III

IMDG: Ethanol Solution, UN-1170, PG-III

IATA: Ethanol Solution, UN-1170, PG-III

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