

Spectrum
 Division of United Industries Corp.
 P.O. Box 142642
 St. Louis, MO 63114-0642

Material Safety Data Sheet

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

Hazardous Material Identification System-(HMIS)

HEALTH - 2

REACTIVITY - 0

FLAMMABILITY - 2

PERSONAL - None

I Trade Name: Unscented Cutter Insect Repellent																			
Product Type: Insect Repellent Aerosol																			
Product Item Number: 51020		Formula Code Number: 21-0368																	
EPA Registration Number		Manufacturer	Emergency Telephone No.																
121-65		Chemsico 8494 Chapin Industrial Dr. St. Louis, MO 63114	For Chemical Emergency: 1-800-633-2873 For Information: 1-800-767-9927 Prepared by: H.L. Pauls Date Prepared: October 18, 2010																
II Hazardous Ingredients/Identity Information		III Physical and Chemical Characteristics																	
<table border="1"> <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) CAS #134-62-3</td> <td>10</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>SDA-40 Ethanol CAS #64-17-5</td> <td>37</td> <td>NA</td> <td>1000 ppm</td> </tr> <tr> <td>Isobutane CAS #75-28-5</td> <td>10</td> <td>NE</td> <td>NE</td> </tr> </tbody> </table>		Chemical	%	OSHA PEL	ACGIH TLV	N,N-diethyl-m-Toluamide (DEET) CAS #134-62-3	10	NA	NA	SDA-40 Ethanol CAS #64-17-5	37	NA	1000 ppm	Isobutane CAS #75-28-5	10	NE	NE	Appearance and Odor: Cloudy liquid with ethanolic odor. Boiling Point: 85°C Vapor Pressure: 90 psig @ 54°C (130°F) Specific Gravity: 0.93 @ 72°F (H ₂ O=1) Vapor Density: 1.8 % Volatile (by vol.): 89 Solubility in Water: Greater than 81% Evaporation Rate: Approx. 1 (BuOAc=1)	
Chemical	%	OSHA PEL	ACGIH TLV																
N,N-diethyl-m-Toluamide (DEET) CAS #134-62-3	10	NA	NA																
SDA-40 Ethanol CAS #64-17-5	37	NA	1000 ppm																
Isobutane CAS #75-28-5	10	NE	NE																
IV Fire and Explosion Hazard Data		V Reactivity Data																	
Flash Point: 65°F (Closed Cup) Flame Extension: 12" (Level 1 Aerosol) Flammable Limits: Lower: 3.3% Upper: 19.0% Autoignition Temp.: 793°F Fire Extinguishing Media: CO ₂ , Foam, or Dry Chemical Decomposition Temp.: N/A Special Fire-Fighting Procedures: For small fires: Use CO ₂ or dry chemical extinguisher. For large fires: Use copious amounts of water. Unusual Fire and Explosion Hazards: See section VII		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		VII Precautions for Safe Handling and Use																	
Ingestion (Swallowing): Harmful if swallowed. First Aid: Consult a physician or poison control. Drink 1 or 2 glasses of water & induce vomiting by touching the back of the 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 eyes 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 areas. 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 Known Ingredients listed by NTP, OSHA or IARC as Carcinogens or potential carcinogens: None		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		IX Transportation Data																	
Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.		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.