

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

**Hazardous Material Identification System – (HMIS)**

HEALTH – 1	REACTIVITY – 0
FLAMMABILITY –2	PERSONAL – None

# Material Safety Data Sheet

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

<b>I Trade Name:</b> Cutter <sup>®</sup> Insect Repellent			
<b>Product Type:</b> Insect repellent			
<b>Product Item Number:</b> 51025		<b>Formula Code Number:</b> 21-0747	
<b>EPA Registration Number</b>		<b>Manufacturer</b>	
121-77		Chemsico Division of United Industries Corporation 8494 Chapin Industrial Drive St. Louis, MO 63114	
		<b>Emergency Telephone Numbers</b>	
		For Chemical Emergency: 1-800-633-2873 For Information: 1-800-767-9927 Prepared by: C. A. Duckworth Date Prepared: October 18, 2004	
<b>II Hazards Ingredient/Identity Information</b>		<b>III Physical and Chemical Characteristics</b>	
<b>Chemical</b>	<b>%</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
DEET (N,N-diethyl-m-toluamide) CAS# 134-62-3	7.0	NA	NA
SDA-40 Ethanol CAS# 64-17-5	50.0	NA	1000 ppm
<b>Appearance &amp; Odor:</b>		Clear, colorless or pale light-yellow liquid, with a fresh, clean scent.	
<b>Boiling Point:</b>		75° C	
<b>Vapor Pressure:</b>		43 mm at 20° C	
<b>Specific Gravity:</b>		0.835 at 72° F (H <sub>2</sub> O = 1)	
<b>Vapor Density:</b>		1.6	
<b>% Volatile (by vol.):</b>		84%	
<b>Solubility in Water:</b>		Not known	
<b>Evaporation Rate:</b>		Approximately 1 (Butyl Acetate = 1)	
<b>IV Fire and Explosive Hazards Data</b>		<b>V Reactivity Data</b>	
<b>Flash Point:</b> 85° F (PMCC)		<b>Stability:</b> Stable	
<b>Flame Extension:</b> 12-15" (level 1 Aerosol)		<b>Polymerization:</b> Will not occur	
<b>Autoignition Temperature:</b> N/A		<b>Conditions to Avoid:</b> None	
<b>Fire Extinguishing Media:</b> Carbon dioxide, Foam, Dry chemical		<b>Incompatible Materials:</b> May soften or damage some synthetics such as rayon. May damage leather.	
<b>Decomposition Temperature:</b> NA		<b>Hazardous Decomposition or Byproducts:</b> None	
<b>Special Fire-Fighting Procedures:</b> For Small Fires: Use Carbon dioxide or dry chemical extinguisher. For Large Fires: Use copious amounts of water.			
<b>Unusual Fire and Explosion Hazards:</b> Also see Section VII			
<b>VI Health Hazard Data</b>		<b>VII Precautions for Safe Handling and Use</b>	
<b>Ingestion (Swallowing):</b> Harmful if swallowed. <b>First Aid:</b> Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger.		<b>Steps to be Taken in Case Material is Released or Spilled:</b> 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.	
<b>Eye Contact:</b> May irritate eyes. <b>First Aid:</b> Flush with plenty of water. Get medical attention.		<b>Waste Disposal:</b> This material is flammable. Give to a qualified waste disposal service.	
<b>Skin Contact:</b> May cause skin reactions in rare cases. If so, wash thoroughly with soap and water. Get medical attention if irritation persists.		<b>Handling &amp; Storage Precautions:</b> Keep away from heat, sparks, or open flame. Do not expose treated skin to fire sparks or flame until liquid has dried.	
<b>Special Notes:</b> Avoid contact with lips, open cuts or irritated skin.			
<b>Health conditions Aggravated by Exposure:</b> None known			
<b>Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens:</b> None			
<b>VIII Control Measures</b>		<b>IX Transportation Data</b>	
Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.		<b>DOT:</b> Consumer Commodity, Hazard Class ORM-D (Limited Quantity Exception)	
		<b>IMDG:</b> Aerosols (Maximum 1 Liter), Hazard Class 2, UN-1950, Packing Group III	
		<b>IATA:</b> 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	

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.