

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

I Trade Name: Cutter [®] Insect Repellent			
Product Type: Insect repellent			
Product Item Number: 51025		Formula Code Number: 21-0747	
EPA Registration Number		Manufacturer	
121-77		Chemsico Division of United Industries Corporation 8494 Chapin Industrial Drive St. Louis, MO 63114	
		Emergency Telephone Numbers	
		For Chemical Emergency: 1-800-633-2873 For Information: 1-800-767-9927 Prepared by: C. A. Duckworth Date Prepared: October 18, 2004	
II Hazards Ingredient/Identity Information		III Physical and Chemical Characteristics	
Chemical	%	OSHA PEL	ACGIH TLV
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
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 (H ₂ O = 1)	
Vapor Density:		1.6	
% Volatile (by vol.):		84%	
Solubility in Water:		Not known	
Evaporation Rate:		Approximately 1 (Butyl Acetate = 1)	
IV Fire and Explosive Hazards Data		V Reactivity Data	
Flash Point: 85° F (PMCC)		Stability: Stable	
Flame Extension: 12-15" (level 1 Aerosol)		Polymerization: Will not occur	
Autoignition Temperature: N/A		Conditions to Avoid: None	
Fire Extinguishing Media: Carbon dioxide, Foam, Dry chemical		Incompatible Materials: May soften or damage some synthetics such as rayon. May damage leather.	
Decomposition Temperature: NA		Hazardous Decomposition or Byproducts: None	
Special Fire-Fighting Procedures: For Small Fires: Use Carbon dioxide or dry chemical extinguisher. For Large Fires: Use copious amounts of water.			
Unusual Fire and Explosion Hazards: Also see Section VII			
VI Health Hazard Data		VII Precautions for Safe Handling and Use	
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.		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.	
Eye Contact: May irritate eyes. First Aid: Flush with plenty of water. Get medical attention.		Waste Disposal: This material is flammable. Give to a qualified waste disposal service.	
Skin Contact: May cause skin reactions in rare cases. If so, wash thoroughly with soap and water. Get medical attention if irritation persists.		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.	
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			
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, 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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