

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

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

III Physical and Chemical Characteristics

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 (H₂O=1)
Vapor Density: 1.8
% Volatile (by vol.): 89
Solubility in Water: Greater than 81%
Evaporation Rate: Approx. 1 (BuOAc=1)

IV Fire and Explosion Hazard 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: CO₂, Foam, or Dry Chemical
Decomposition Temp.: N/A
Special Fire-Fighting Procedures: For small fires: Use CO₂ or dry chemical extinguisher. For large fires: Use copious amounts of water.
Unusual Fire and Explosion Hazards: 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:** 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

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. 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

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-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.