

WPC Brands, Inc.
P. O. Box 4406
Bridgeton, MO 63044-0406

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 – 3

PERSONAL – None

I Trade Name: Repel® Tick Defense

Product Type: Aerosol Insect repellent

Product Item Number: HG-94138

Formula Code Number: 21-0865/21-0666

EPA Registration Number

Manufacturer

Emergency Telephone Numbers

121-92-305

Chemsico
Division of United Industries Corporation
8494 Chapin Industrial Drive
St. Louis, MO 63114

For Chemical Emergency: 1-800-633-2873
For Information: 1-800-880-1181
Prepared by: C. A. Duckworth
Date Prepared: May 3, 2013

II Hazards Ingredient/Identity Information

Chemical	%	OSHA PEL	ACGIH TLV
Picaridin	15.00	NE	NE
CAS #119515-38-7			
Ethanol	34.00	1000 ppm	1000 ppm
CAS #64-17-5			
Isobutane	10.00	NE	NE
CAS #75-28-5			

III Physical and Chemical Characteristics

Appearance & Odor:	Light mist spray with an alcohol odor
Boiling Point:	NA
Vapor Pressure:	NA
Specific Gravity:	0.88 at 72° F (H ₂ O = 1)
Vapor Density:	1.6
% Volatile (by vol.):	>90%
Solubility in Water:	NA
Evaporation Rate:	Approximately 1 (Butyl Acetate = 1)

IV Fire and Explosive Hazards Data

Flash Point: 80° F (PMCC) liquid portion
Flame Extension: 12"
Autoignition Temperature: N/A
Fire Extinguishing Media: Carbon dioxide, Foam, Dry chemical
Decomposition Temperature: NA
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

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

Eye Contact: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Use of this product may cause skin reactions in rare cases. **First Aid:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present after the first 15 minutes then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment.
Special Notes:
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. Soak up with absorbent material. Wash small quantities away with soapy water.
Waste Disposal:
Do not puncture or incinerate. If empty: Place in trash or offer for recycling. If partially filled: Call your local solid waste disposal agency for disposal instructions. Never place unused product down an indoor or outdoor drain.
Handling & Storage Precautions:
Contents under pressure. Keep away from heat, sparks, or open flame. Exposure to temperatures higher than 130°F may cause bursting.

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

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