

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

# Material Safety Data Sheet

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

## Hazardous Material Identification System – (HMIS)

HEALTH – 1

REACTIVITY – 0

FLAMMABILITY – 3

PERSONAL –

**I Trade Name:** Repel Lemon Eucalyptus Plant Based Insect Repellent

**Product Type:** Aerosol insect repellent

**Product Item Number:** 40320

**Formula Code Number:** 21-0844

**EPA Registration Number**

**Manufacturer**

**Emergency Telephone Numbers**

305-63

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

**For Chemical Emergency:** 1-800-633-2873  
**For Information:** 1-888-880-1181  
**Prepared by:** Charlie Duckworth  
**Date Prepared:** February 13, 2006

## II Hazards Ingredient/Identity Information

Chemical	%	OSHA PEL	ACGIH TLV
Oil of Lemon Eucalyptus CAS #129828-24-6	30.00	NE	NE
Ethanol CAS #64-17-5	45.00	1000	1000
Isoparaffinic Solvent CAS #64741-66-8	10.00	NE	NE
Hydrocarbon Propellant CAS #75-28-5/74-98-6	15.00	NE	NE

## III Physical and Chemical Characteristics

<b>Appearance &amp; Odor:</b>	Wet narrow fan spray with clear wet film and a citrus odor.
<b>Boiling Point:</b>	NA
<b>Melting Point:</b>	NA
<b>Vapor Pressure:</b>	110 psig at 54° C/130° F
<b>Specific Gravity:</b>	0.845 (H <sub>2</sub> O = 1)
<b>Vapor Density:</b>	Greater than 1 (Air = 1)
<b>Solubility in Water:</b>	Greater than 40%
<b>Evaporation Rate:</b>	Less than 1 (Butyl Acetate = 1)

## IV Fire and Explosive Hazards Data

<b>Flash Point:</b>	62° F (TCC) (liquid portion)
<b>Flame Extension:</b>	18-21"
<b>Flammable Limits:</b>	NA
<b>Autoignition Temperature:</b>	NA
<b>Fire Extinguishing Media:</b>	Water fog, Carbon dioxide, Dry chemical
<b>Decomposition Temperature:</b>	NA
<b>Special Fire-Fighting Procedures:</b>	Keep cans cool. Use equipment or shielding to protect personnel against bursting, rupturing or venting cans.
<b>Unusual Fire &amp; Explosion Hazards:</b>	At elevated temperatures (over 54° C/130° F), cans may vent, rupture or burst. Also see Section V.

## V Reactivity Data

<b>Stability:</b>	Stable
<b>Polymerization:</b>	Will not occur
<b>Conditions to Avoid:</b>	Temperatures over 130° F
<b>Incompatible Materials:</b>	NA
<b>Hazardous Decomposition or Byproducts:</b>	Carbon dioxide, carbon monoxide

## VI Health Hazard Data

<b>Eye Contact:</b>	Causes moderate eye irritation. <b>First Aid:</b> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice.
<b>Ingestion:</b>	Harmful if swallowed. <b>First Aid:</b> Immediately call a Poison Control Center or doctor. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
<b>Special Notes:</b>	Have the product container with you when calling a Poison Control Center or doctor, or going for treatment.
<b>Health conditions Aggravated by Exposure:</b>	None known
<b>Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens:</b>	None

## VII Precautions for Safe Handling and Use

<b>Steps to be Taken in Case Material is Released or Spilled:</b>	Avoid breathing vapors. Avoid contact with liquid. Remove ignition sources. Soak up spills with absorbent material.
<b>Waste Disposal:</b>	Do not puncture or incinerate containers. If empty: Place in trash or offer for recycling if available. If partly filled: Call local solid waste agency or 1-800-CLEANUP for disposal instructions.
<b>Handling &amp; Storage Precautions:</b>	Do not store where temperatures can exceed 54° C/130° F.

## 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

<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

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