Conforms to Hazard Communication Standard 29 CFR 1910.1200

Section 1 - IDENTIFICATION

Product Identifier: **Repel Plant-Based Lemon Eucalyptus Insect Repellent2 (Pump)**

Other Means of Identification:

Product Code	HG-24109; HG-94107; HG-94109; HG-94176
Formula Number	HG-21-0922
EPA Reg. Number	305-62

Recommended Use: Insect Repellent

Recommended Restrictions: Use in accordance with label directions

Manufacturer/Importer/Supplier/Distributor Information:

Company Name	WPC Brands, Inc.
Address	PO Box 4406 Bridgeton, MO 63044-0406
Telephone Number	1-888-880-1181

Emergency Telephone Number:

CHEMTREC	1-800-424-9300
Medical	1-800-633-2873

Section 2 - HAZARD(S) IDENTIFICATION

Classification of Substance or Mixture:

Physical Hazard(s)	Flammable Liquid - Category 3
Health Hazard(s)	Eye Irritant - Category 2

Label Elements:

Hazard Pictogram(s)



Signal Word: WARNING

Hazard Statements:
Flammable liquid and vapor
Causes serious eye irritation

Precautionary Statements:
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Wash hands thoroughly after handling. Wear eye protection.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Store in a well-ventilated place. Keep cool.
Dispose of contents in accordance with all local, state/provincial and federal regulations. For more information see product label.

Hazard(s) not Otherwise Classified (HNOC): No additional information available

Supplemental Information: None

Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Synonyms	CAS Number	%
Ethanol	n/a	64-17-5	45.000
Oil of Lemon Eucalyptus	n/a	1245629-80-4	30.000
Tertiary Butyl Alcohol	n/a	75-65-0	0.900

In accordance with paragraph (d) of 1910.1200, the exact percentage (concentration) has been withheld as a trade secret. Other components are below reportable levels.

Section 4 - FIRST-AID MEASURES

Inhalation: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

Skin Contact: In case of contact, wash skin with plenty of water. If skin irritation or redness develops, seek medical attention.

Eye Contact: In case of contact, flush eyes with plenty of water for 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a Poison Control Center or doctor for treatment advice.

Ingestion: Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

Most Important Symptoms/Effects, Acute and Delayed: Symptoms of exposure may include, irritation of eyes and nose, cough and/or shortness of breath.

Indication of Immediate Medical Attention & Special Treatment Needed: Immediate medical attention should not be required.

Section 5 - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Treat for surrounding material.

Unsuitable Extinguishing Media: None known.

Specific Hazards Arising from the Chemical: Products of combustion may include, and are not limited to: oxides of carbon.

Special Protective Equipment and Precautions for Firefighters: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respirator protection (SCBA).

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Methods and Materials for Containment and Cleaning Up: Contain and/or absorb spill with inert material. Scoop up material and place in a disposable container. Then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate personal protective equipment (PPE).

Environmental Precautions: Report spills as required by local and national regulations. Prevent entry into storm sewers and waterways.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling: Avoid breathing mist. Avoid contact with skin and eyes. Wear eye protection. Wash hands thoroughly after handling. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.

Conditions for Safe Storage, Including any Incompatibilities: Keep out of reach of children. Keep container tightly closed. Keep away from heat/sparks/open flames/hot surfaces. (See section 10).

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

Chemical Name	Exposure Limits					
	OSHA PEL		ACGIH TLV		Supplier OEL	
	ppm	mg/m^3	ppm	mg/m^3	ppm	mg/m^3
Ethanol	TWA: 1000	TWA: 1900	STEL: 1000	-	IDLH: 3300, 10% LEL	-
Tertiary Butyl Alcohol	TWA: 100	TWA: 300	TWA: 100	-	IDLH: 1600	-

Appropriate Engineering Controls: Use in a well-ventilated area.

Individual Protective Measures, Such as Personal Protective Equipment:

Eye/face protection: Avoid eye contact. Wear eye protection.
Skin and body protection: None required under normal use conditions.
Respiratory protection: Do not breath mist. Use in a well-ventilated area.
General hygiene considerations: Do not eat, drink or smoke where material is handled, processed or stored. Wash hands after handling.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.):	Clear, yellow liquid
Odor:	Lemon Eucalyptus
Odor Threshold:	No data available
pH:	6.8-7.8
Melting / Freezing Point:	No data available
Initial boiling point and range:	No data available
Flashpoint:	25°C
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	0.892-0.912
Solubility(ies):	Soluble in water
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available

Section 10 - STABILITY AND REACTIVITY

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical stability:	Stable under normal storage conditions.
Possibility of hazardous reactions:	No dangerous reaction known under conditions of normal use.
Conditions to avoid:	Heat. Incompatible materials.
Incompatible materials:	None known.
Hazardous decomposition products:	May include, and are not limited to oxides of carbon.

Section 11 - TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure: Inhalation, Ingestion and/or skin or eye contact

Symptoms related to the physical, chemical and toxicological characteristics:

Inhalation: May cause respiratory tract irritation.

Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

Skin contact: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Eye contact: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Acute Toxicity Values:

Calculated overall Chemical Acute Toxicity Values (ATE)		
LD50 (Oral)	LD50 (Dermal)	LC50 (inhalation)
>2000 mg/kg	>2000 mg/kg	>5mg/l

Eye Contact: This product is an eye irritant.

Skin Contact: Based on available data, the classification criteria are not met.

Sensitization: Based on available data, the classification criteria are not met.

Chronic Effects-Carcinogenicity:

Ingredient	Chemical Listed as a Carcinogen or Potential Carcinogen (NTP, IARC, OSHA)
None of the ingredients present in this product at or above 0.1% are listed as potential carcinogens on the NTP, IARC or OSHA lists.	

Reproductive Toxicity: Based on available data, the classification criteria are not met.

Germ Cell Mutagenicity: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Comment: All information was generated using the GHS classification criteria for mixtures and test data where available.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity: This product is not expected to be harmful to aquatic organisms.

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

Other adverse effects: No data available

Section 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with all local, state,/provincial and federal regulations. For more information see product label.

Section 14 - TRANSPORTATION INFORMATION

DOT:	UN Number:	UN1170
	Proper Shipping Name:	Ethanol solutions
	Hazard Class:	3
	Packing Group:	III
	Limited Quantity:	≤5L
IATA:	UN Number:	UN1170
	Proper Shipping Name:	Ethanol solutions
	Hazard Class:	3
	Packing Group:	III
	Limited Quantity:	≤5L
IMDG:	UN Number:	UN1170
	Proper Shipping Name:	Ethanol solutions
	Hazard Class:	3
	Packing Group:	III
	Limited Quantity:	≤5L
	Flash Point:	25°C

Section 15 - REGULATORY INFORMATION

US EPA Label Information:

EPA Pesticide Registration Number 305-62

Federal Insecticide, Fungicide, Rodenticide Act Regulations

This chemical is a pesticide product registered by the Environmental Protection Agency and is subjected to certain labeling requirements under the federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

EPA Pesticide Label

WARNING: KEEP OUT OF REACH OF CHILDREN.

Hazards to Humans and Domestic Animals

WARNING. Causes substantial but temporary eye injury. Harmful if swallowed. Do not get in eyes. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. After returning from outdoors, wash product from all exposed skin. Do not allow children to apply this product to themselves. Do not apply to the hands of children. Do not use on children under the age of three years. May cause skin reactions for some people. Discontinue if irritation or rash appears. Do not apply over cuts, wounds or irritated skin.

FIRST AID: If in Eyes: 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. Call a Poison Control Center or doctor for treatment advice. **If Swallowed:** Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person. Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment. In case of emergency call 1-888-881-1181.

PHYSICAL OR CHEMICAL HAZARDS: COMBUSTIBLE. Do not use or store near heat or open flame.

STORAGE AND DISPOSAL: Store the product in a cool, dry place, out of reach of children. **If empty:** Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

EPA TSCA Inventory: All of the components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

Disclaimer: Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Section 16 - OTHER INFORMATION

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