

## MATERIAL SAFETY DATA SHEET

This document has been prepared to meet the requirements of the U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200, the EU Directive, 91/155/EEC and other regulatory requirements.

### 1. Company and Product Identification

<b>Product:</b>	DR-G-104 EcoSmart Family Insect Repellent	<b>Emergency Telephone Number:</b> Info Trac Chemical Response System (800) 535-5053 (24 hours)
<b>Manufacturer:</b>	EcoSMART Technologies, Inc. 3600 Mansell Road, Suite 150 Alpharetta, GA 30022	<b>For General Information:</b> (888) 326-SAFE (9am to 5pm EST)

### 2. Ingredients

<u>Ingredient Name</u>	<u>% by weight</u>	<u>CAS #</u>	<u>Exposure Limits</u>
<b><u>Active Ingredients:</u></b>			
Blend of essential oils	3.0%	-	None established
<b><u>Inert Ingredients:</u></b>			
Proprietary Solvent Blend	97.0%	Not Applicable	None established

### 3. Hazards Identification

**Potential Health Effects:** .....May be harmful if swallowed or inhaled. May cause eye irritation. Avoid breathing spray mist. Avoid contact with eyes.

**Flammable:** .....Do not use or store near heat or open flame.

### 4. First Aid Measures

<b>CAUTION:</b>	Avoid contact with eyes.
<b>IF IN EYES:</b>	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.
<b>IF ON SKIN:</b>	May cause drying of the skin. Wash with soap and water.
<b>IF INHALED:</b>	Move exposed person(s) to fresh air.
<b>IF INGESTED:</b>	Rinse mouth out with water. Do not induce vomiting. Seek medical attention if necessary.

### 5. Fire Fighting Measures

<b>Flashpoint:</b> .....	54°C (12°F)
<b>Flammable Limits:</b> .....	Lower: 2% Upper: 12.7%
<b>Extinguishing Media:</b> .....	Use Foam, Carbon Dioxide, or Dry Chemical extinguishers.

**Fire and Explosion Hazards:**..... Flammable liquid, keep away from sparks, flames or sources of ignition.  
**Special Fire Fighting Procedures:**..... Firefighters should have eye protection and wear self-contained breathing apparatus.  
**Hazardous Decomposition Products:**..... Carbon dioxide, carbon monoxide, smoke, fumes, and unburned hydrocarbons and terpenes.

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## 6. Spill/Leak Procedures

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Should the product be spilled, absorb any liquid with an inert absorbent material and dispose of the absorbent material according to local ordinances. Components of this product are not considered EPA hazardous wastes.

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## 7. Handling and Storage

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Store in a cool, dry place. Keep out of the reach of children and animals. Do not contaminate with other pesticides. Do not smoke while using product.

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## 8. Exposure Control/Personal Protection

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**Ventilation:**..... Local exhaust ventilation is not required.  
**Respiratory Protection:** ..... Not required with adequate ventilation.  
**Eye Protection:**..... Not required. Safety glasses are recommended during application.  
**Gloves:** ..... Not required.  
**Other Protective equipment:**..... Not required.

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## 9. Physical Properties

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<b>Appearance:</b>	Colorless liquid	<b>Specific Gravity (water =1):</b>	0.8 g/ml
<b>Odor:</b>	sweet citrus / minty scent		

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## 10. Stability and Reactivity

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**Chemical Stability:** ..... Stable                      **Hazardous Polymerization:** ..... Will not occur

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## 11. Toxicological Information

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**Rat Acute Oral:** ..... LD50 > 5000 mg/kg  
**Acute effects from Overexposure:** ..... The individual components of this product are known to have low oral and dermal toxicity. This mixture is expected to have a similar toxicological profile. Prolonged contact with the skin may cause irritation on

sensitive individuals, and contact with the eyes may cause eye irritation. Inhalation of the vapor may cause irritation of nasal passages and/or dizziness. Ingestion of this product could result in irritation of the gastrointestinal tract, headache or nausea.

**Chronic Effects from Overexposure:** .....No data are available.

**Carcinogenicity:** .....**NTP:**.....No

**OSHA:** .....No

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## 12. Environmental Information

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While specific data regarding toxicity to fish or other aquatic organisms is not available for this product, care should always be taken to prevent insecticides from entering aquifers.

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## 13. Disposal

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When container is empty, recycle if available. If recycling is not possible, wrap the container and dispose of with ordinary trash.

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## 14. Transportation Information

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**Proper Shipping Name:** Consumer Commodity

**DOT Hazard Class:** Not regulated

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## 15. Regulatory Information

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**NFPA Ratings:** Health - 1 Fire - 3 Reactivity - 0 Special - none

**TSCA:** No ingredients in this product are listed on the TSCA Inventory.

**SARA Title III:** This product does not contain any ingredients subject to Section 313 (40 CFR 372) reporting requirements.