

ENFORCER Products  
 A Division of Acuity Specialty Products  
 Group, Inc.  
 P.O. Box 1060  
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 1-888-805-HELP  
 www.enforcer.com

**Material Safety Data Sheet  
 and Safe Handling and Disposal Information**

**Section 1. Chemical Product and Company Identification**

**Product name**      **Enforcer Ant & Roach Killer Hawaiian Floral Fresh**

**Product Code**      **EARH16**

**Date of issue**      **06/22/05**      **Supersedes**

This product is a registered pesticide. Number: 40849-33

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**Emergency Telephone Numbers**      **For a Medical Emergency:**  
 INFOTRAC  
**(877) 541-2016 (Toll Free - Calls Recorded)**

**For a Transportation Emergency:**  
 CHEMTREC  
**(800) 424-9300 (Toll Free - Calls Recorded)**

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**Prepared by**      Compliance Services Group  
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**Section 2. Composition, Information on Ingredients**

<b>Name of Hazardous Ingredients</b>	<b>CAS #</b>	<b>% by Weight</b>	<b>Exposure Limits</b>
PYROCIDE (R) 175; Pyrethrins	8003-34-7	0.05	<b>ACGIH TLV (United States).</b> : 5 mg/m <sup>3</sup> <b>OSHA PEL (United States).</b> : 5 mg/m <sup>3</sup>
MGK (R) 264; N-Octyl bicycloheptene dicarboximide	113-48-4	0.25	Not established
Permethrin	52645-53-1	0.20	Not established
BLEND OF ISOBUTANE, PROPANE, & n-BUTANE	75-28-5; 74-98-6; 106-97-8	1-15	<b>ACGIH TLV (United States).</b> TWA: 800 ppm 8 hour(s). <b>OSHA PEL (United States).</b> TWA: 1000 ppm 8 hour(s).

**Section 3. Hazards Identification**

**Acute Effects**      **Routes of Entry** Absorbed through skin. Dermal contact. Eye contact. Inhalation.

**Skin**      Hazardous in case of skin contact (irritant, permeator). May cause slight irritation in sensitive individuals.

**Eyes**      Hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.

**Inhalation**      Hazardous in case of inhalation. Avoid breathing vapors or spray mists. May cause respiratory tract irritation.

**Ingestion**      DO NOT swallow. Can cause gastrointestinal disturbances.

<b>HMIS</b>	
<b>Health</b>	<b>1</b>
<b>Fire Hazard</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>B</b>

**Carcinogenic Effects**      Ingredients: Not listed as carcinogen by OSHA, NTP or IARC.

**Chronic Effects**      Repeated or prolonged exposure is not known to aggravate medical condition.

**See Toxicological Information (section 11)**

**Section 4. First Aid Measures**

**Eye Contact**      Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Skin Contact**      In case of contact, immediately flush skin with plenty of water. Wash clothing before reuse. Get medical attention if irritation develops.

**Inhalation**      If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Ingestion**      Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If affected person is conscious, give plenty of water to drink. Get medical attention immediately.

**Section 5. Fire Fighting Measures**

<b>Flash Point</b>	Not applicable.	<b>Flammable Limits</b>	Not applicable.
<b>Flammability</b>	Non-flammable. (CSMA Method)		
<b>Fire Hazard</b>	CONTENTS UNDER PRESSURE.		
<b>Fire-Fighting Procedures</b>	Use DRY chemicals, CO <sub>2</sub> , water spray or foam. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.		

**Section 6. Accidental Release Measures**

**Spill Clean up** Large spills are unlikely due to packaging.

**Section 7. Handling and Storage**

<b>Handling</b>	Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mists. Use only with adequate ventilation. Do not ingest. Wash thoroughly after handling.
<b>Storage</b>	CONTENTS UNDER PRESSURE. Do not puncture or incinerate. Keep away from food, drink and animal feeding stuffs. Keep container in a cool, well-ventilated area. Keep away from heat, sparks and flame. Store between 40°F - 120°F (4.4°C - 49°C). Keep out of the reach of children.

**Section 8. Exposure Controls, Personal Protection****Personal Protection****Protective Clothing (Pictograms)**

<b>Eyes</b>	Safety glasses.	
<b>Body</b>	For prolonged or repeated handling, use gloves.	
<b>Respiratory</b>	Use with adequate ventilation. A respirator is not needed under normal and intended conditions of product use.	

**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Liquid. (Aerosol.)	<b>Color</b>	Clear to white.
<b>pH</b>	Not determined.	<b>Odor</b>	Characteristic.
<b>Boiling Point</b>	100°C (212°F)	<b>Vapor Pressure</b>	Not determined.
<b>Specific Gravity</b>	0.92 (Water = 1)	<b>Vapor Density</b>	Not determined.
<b>Solubility</b>	Easily soluble in cold water, hot water.	<b>Evaporation Rate</b>	>1 compared to Butyl acetate.
		<b>VOC (Consumer)</b>	164.49 (g/l). 1.37 lbs/gal (17.91%)

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Incompatibility</b>	Slightly reactive to reactive with OXIDIZING AGENTS, acids, alkalis.
<b>Hazardous Polymerization</b>	Will not occur.
<b>Hazardous Decomposition Products</b>	carbon oxides (CO, CO <sub>2</sub> )

**Section 11. Toxicological Information**

<b>Toxicity to Animals</b>	<b>Evercide Intermediate 2460:</b>
	ORAL (LD50): Acute: >5000 mg/kg [Rat Male.]. <5000 mg/kg [Rat Female.].
	DERMAL (LD50): Acute: >2000 mg/kg [Rabbit].

**Section 12. Ecological Information**

<b>Ecotoxicity</b>	Not available.
<b>Biodegradable/OECD</b>	Not available.

**Section 13. Disposal Considerations**

<b>Waste Information</b>	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
<b>Waste Stream</b>	Non-regulated waste
<b>Consult your local or regional authorities.</b>	

**Section 14. Transport Information**

<b>Proper shipping name</b>	Consumer Commodity
<b>DOT Classification</b>	ORM-D
<b>UN number</b>	Not available.
<b>TDG Classification</b>	Consumer Commodity ORM-D

**Section 15. Regulatory Information****U.S. Federal Regulations** SARA 313 toxic chemical notification and release reporting:

Permethrin

Clean Water Act (CWA) 311: No products were found.

Clean air act (CAA) 112 regulated toxic substances: No products were found.

**State Regulations** California prop. 65: No products were found.**WHMIS (Canada)** Class D-1B: Material causing immediate and serious toxic effects (TOXIC).**Section 16. Other Information**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*