

Conforms to Hazard Communication Standard 29 CFR 1910.1200

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**Section 1 - IDENTIFICATION**


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<b>Product Identifier:</b>	<b>Hot Shot® Ant, Roach &amp; Spider Killer (Fresh Floral)</b>
<b>Other Means of Identification:</b>	
Product Code	HG-26781; HG-36781; HG-36781FD; HG-36781W; HG-66781; HG-96746; HG-96781
Formula Number	21-1560
EPA Reg. Number	9688-340-8845
<b>Recommended Use:</b>	Insecticide - Crawling Bug - Aerosol
<b>Recommended Restrictions:</b>	Use in accordance with label directions
<b>Manufacturer/Importer/Supplier/Distributor Information:</b>	
Company Name	Spectrum Group, Division of United Industries Corporation
Address	PO Box 142642, St. Louis, MO 63114-0642
Telephone Number	1-800-917-5431
Website	<a href="http://www.hotshot.com">www.hotshot.com</a>
<b>Emergency Telephone Number:</b>	
CHEMTREC	(800)424-9300
Medical	(800)917-5431

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**Section 2 - HAZARD(S) IDENTIFICATION**


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**Classification of Substance or Mixture:**

Physical Hazard(s)	Flammable aerosol - category 2 Gases under pressure - low pressure liquefied gas
Health Hazard(s)	Not classified as a health hazard

**Label Elements:**

Hazard Pictogram(s)	
Signal Word	Warning
Hazard Statements:	Flammable aerosol Contains gas under pressure; may explode if heated
Precautionary Statements:	Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.

**Hazard(s) not Otherwise Classifies (HNOC):** No additional information available**Supplemental Information:** None

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**Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS**


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Chemical Name	Synonyms	CAS Number	%
Hydrotreated Light Petroleum Distillates	n/a	64742-47-8	4.5
Propane	n/a	74-98-6	2.9
Isobutane	n/a	75-28-5	1.6
1-butoxy-2-propanol	n/a	5131-66-8	1.5
Imiprothrin	n/a	72963-72-5	0.075
Lambda-Cyhalothrin	n/a	91465-08-6	0.025
Light aromatic naptha	n/a	64742-95-6	0.0243

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.

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**Section 4 - FIRST-AID MEASURES**


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<b>Inhalation:</b>	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
<b>Skin Contact:</b>	In case of contact, wash skin with plenty of water. If skin irritation or redness develops, seek medical attention.
<b>Eye Contact:</b>	In case of contact, flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.
<b>Ingestion:</b>	If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.
<b>Most Important Symptoms/Effects, Acute and Delayed:</b>	Symptoms of exposure may include, irritation of eyes and nose, cough and/or shortness of breath.
<b>Indication of Immediate Medical Attention &amp; Special Treatment Needed:</b>	Immediate medical attention should not be required.

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**Section 5 - FIRE-FIGHTING MEASURES**


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<b>Suitable Extinguishing Media:</b>	Treat for surrounding material.
<b>Unsuitable Extinguishing Media:</b>	None known.
<b>Specific Hazards Arising from the Chemical:</b>	Products of combustion may include, and are not limited to: oxides of carbon.
<b>Special Protective Equipment and Precautions for Firefighters:</b>	Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respirator protection (SCBA).

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**Section 6 - ACCIDENTAL RELEASE MEASURES**


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**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. Then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate personal protective equipment (PPE). Scoop up material and place in a disposable container.

**Environmental Precautions:**

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

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**Section 7 - HANDLING AND STORAGE**


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**Precautions for Safe Handling:**

Avoid breathing mist. Avoid contact with skin and eyes. 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. (See section 10).

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**Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**


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**Control Parameters:**

Chemical Name	Exposure Limits					
	OSHA PEL		ACGIH TLV		Supplier OEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Hydrotreated Light Petroleum Distillates	-	TWA 5	-	TWA 5 STEL 10 TWA 200 (as total hydrocarbon vapor),8hrs	TWA 100	TWA 525
Propane	TWA 1000	TWA 1800	TWA 1000	-	NIOSH REL TWA 1000	NIOSH REL TWA 1800
Isobutane	-	-	STEL 1000	-	NIOSH REL TWA 800	NIOSH REL TWA 1900
1-butoxy-2-propanol	-	-	-	-	TWA 50	-
Imiprothrin	-	-	-	-	-	-
Lambda-Cyhalothrin	-	-	-	-	-	-
Light aromatic naptha	TWA 500	TWA 2000	-	200 (as total hydrocarbon vapor)	-	-

**Appropriate Engineering Controls:** Wear appropriate respirator or use adequate ventilation where situations arise that the exposure limits are exceeded.

**Individual Protective Measures, Such as Personal Protective Equipment:**

Eye/face protection: None required for normal use.  
 Skin and body protection: None required under normal use conditions.  
 Respiratory protection: None required under normal use conditions.  
 General hygiene considerations: Do not eat, drink or smoke where material is handled, processed or stored. Wash hands after handling.

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**Section 9 - PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Appearance (physical state,</b>	Clear to slightly hazy yellow liquid
<b>Odor:</b>	Solvent and pyrethroid
<b>Odor Threshold:</b>	No data available
<b>pH:</b>	6.52
<b>Melting / Freezing Point:</b>	No data available
<b>Initial boiling point and range:</b>	No data available
<b>Flashpoint:</b>	No data available
<b>Evaporation Rate:</b>	No data available
<b>Flammability (solid, gas):</b>	No data available
<b>Upper/lower flammability or explosive limits:</b>	No data available
<b>Vapor pressure:</b>	No data available
<b>Vapor density:</b>	No data available
<b>Relative density:</b>	0.9386
<b>Solubility(ies):</b>	No data available
<b>Partition coefficient (n-octanol/water):</b>	No data available
<b>Auto-ignition temperature:</b>	No data available
<b>Decomposition temperature:</b>	No data available
<b>Viscosity:</b>	No data available

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**Section 10 - STABILITY AND REACTIVITY**

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

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**Section 11 - TOXICOLOGICAL INFORMATION**

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**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:	May cause 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)
>5000 mg/kg	>5000 mg/kg	>5 mg/l

<b>Eye Contact:</b>	Based on available data, the classification criteria are not met.
<b>Skin Contact:</b>	Based on available data, the classification criteria are not met.
<b>Sensitization:</b>	Based on available data, the classification criteria are not met.

**Chronic Effects-**

Ingredient	Chemical Listed as a Carcinogen
There are no intentionally added ingredients greater than 0.1% in this product that are listed as potential carcinogens on the NTP, IARC or OSHA lists	

**Carcinogenicity:**

<b>Reproductive Toxicity:</b>	Based on available data, the classification criteria are not met.
<b>Germ Cell Mutagenicity:</b>	Based on available data, the classification criteria are not met.
<b>STOT-single exposure:</b>	Based on available data, the classification criteria are not met.
<b>STOT-repeated exposure:</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard:</b>	Based on available data, the classification criteria are not met.

**Comment:** All information was generated using the GHS classification criteria for mixtures and cited EPA toxicity data.

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**Section 12 - ECOLOGICAL INFORMATION**

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<b>Ecotoxicity:</b>	This pesticide is toxic to fish. Do not apply directly to water.
<b>Persistence and degradability:</b>	No data available
<b>Bioaccumulative potential:</b>	No data available
<b>Mobility in soil:</b>	No data available
<b>Other adverse effects:</b>	No data available

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**Section 13 - DISPOSAL CONSIDERATIONS**

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

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**Section 14 - TRANSPORTATION INFORMATION**

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**DOT:** UN-1950, Aerosols, Flammable, 2.1, Limited Quantity

**IATA:** UN-1950, Aerosols, Flammable, 2.1

**IMDG:** UN-1950, Aerosols, Flammable, 2.1, Limited Quantity

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**Section 15 - REGULATORY INFORMATION**

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

**Signal Word:** CAUTION

**Precautionary Statements:** **Environmental Hazards**

This pesticide is toxic to fish. Do not apply directly to water.

**Physical or Chemical Hazards**

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

**Storage and Disposal**

**Pesticide Storage:** Store in cool, dry area inaccessible to children and away from heat or open flame. Do Not Puncture or Incinerate!

**Pesticide Disposal and Container Handling:** Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling, if available. **If partly filled:** Call your local solid waste agency for disposal instructions.

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

**SARA Hazard Category:** See OSHA hazards listed in section 2.

**SARA 313:** Section 313 of title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**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.

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**Section 16 - OTHER INFORMATION**

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