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# SAFETY DATA SHEET

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Spectrum Group  
Division of United Industries Corp  
P.O. Box 142642  
St. Louis, MO 63114-0642

Product Name: Hot Shot Flying Insect Killer  
Phone: 1-800-917-5431  
Items: HG-5416-12  
Formula Code: 21-1168

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**SDS Date:** 2/25/15  
**Product Name:** Hot Shot Flying Insect Killer  
**EPA Reg. No. 46515-48-8845**

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## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

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**CAS #:** **Aerosol**  
**Product Use:** Flying Insect Killer Aerosol  
**Manufacturer:** Chemsico  
Div. of United Industries Corp  
P.O. Box 142642  
St. Louis, MO 63114

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## SECTION 2 - HAZARDS IDENTIFICATION

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This product is classified according to the Globally Harmonized System (GHS)

### ROUTES OF EXPOSURE

**Potential short term health effects:** Eye, Skin contact, Ingestion.  
**Eyes:** May cause irritation.  
**Skin:** May cause irritation.  
**Inhalation:** No expected reaction.  
**Ingestion:** May cause stomach distress, nausea or vomiting.  
**Target organs:** Eyes, Skin, & digestive system.  
**Chronic effects:** Prolonged or repeated exposure can cause drying, defatting and dermatitis.  
**Signs and symptoms:** Symptoms may include redness, edema, drying, defatting and cracking of the skin.

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## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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**Composition comments:** This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).

**NOTE: No reportable quantities of hazardous ingredients are present per OSHA 29 CFR 1910.1200. No toxic chemical(s) subject to reporting requirements of Section 313 of Title III and 40 CFR 372 are present.**

ACTIVE COMPONENT	CAS#	PERCENTAGE
Permethrin	52645-53-1	0.150%
d-trans allethrin	28057-48-9	0.250%
Exxsol D-110	64742-47-8	7.500%
Isobutane	75-28-5	14.90%
Propane	74-98-6	5.10%

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OTHER COMPONENT	CAS#	PERCENTAGE
Other	N/A	72.10%

Note: Ingredients not identified are not hazardous

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## SECTION 4 - FIRST AID MEASURES

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### FIRST AID PROCEDURES

**Eye contact:** 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. Contact a physician for treatment advice

**Skin contact:** Flush with large amounts of cool water. Wash with soap and water. Remove contaminated clothing and wash before reuse. Obtain medical attention if irritation persists.

**Inhalation:** None required

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

**Note to Physician:** Symptoms may be delayed.

**General advice:** If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Keep out of reach of children.

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## SECTION 5 - FIRE FIGHTING MEASURES

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**Flammable properties:** Pressurized Aerosol Container

### SUITABLE EXTINGUISHING MEDIA

**Extinguishing media:** Water Fog, Foam, CO<sub>2</sub>, Dry Chemical

**Unsuitable extinguishing media:** Not Available.

### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

**Protection of firefighters:** Not Available.

**Protective equipment for firefighters:** Firefighters should wear full protective clothing including self contained breathing apparatus.

**Hazardous combustion products:** None known.

### SENSITIVITY TO MECHANICAL IMPACT

**Explosion data:** Not Available.

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**Sensitivity to static discharge:** Not Available.

**Personal precautions:** Keep unnecessary personnel away. Do not touch or walk through spilled material.

HMIS Ratings      Health Hazard 1      Fire Hazard 2      Reactivity 0

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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**Methods for containment:** Prevent entry into waterways, sewers, basements or confined areas.

**Methods for cleaning up:** Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with earth, sand or absorbent material swept up and placed in suitable, covered, and labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

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## SECTION 7 - HANDLING AND STORAGE

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**Handling:** Use good industrial hygiene practices in handling this material.

**Storage:** Keep out of reach of children. Store in a closed container away from incompatible materials.

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## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Engineering controls:** General ventilation normally adequate.

### EYE / FACE PROTECTION

**Personal protective equipment:** None required

**Hand protection:** None required

**Skin and body protection:** None required

**Respiratory protection:** None required

**General hygiene considerations:** Handle in accordance with good industrial hygiene and safety practice. When using, do not eat or drink. Wash hands before breaks and immediately after handling the product.

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## SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

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**Appearance:** Clear

**Color:** light yellow to water-white

**Form:** Aerosol

**Odor:** Aromatic solvent (slight)

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<b>Odor threshold:</b>	Not Available.
<b>Physical state:</b>	Pressurized Liquid
<b>pH:</b>	7-7.5
<b>Freezing point:</b>	32°F
<b>Boiling point:</b>	212°F
<b>Flash point:</b>	160°F (liquid portion)
<b>Flame Extension</b>	0" (level 1 aerosol)
<b>Flammability limits in air, lower, % by volume:</b>	Not Available..
<b>Flammability limits in air, upper, % by volume:</b>	Not Available.
<b>Vapor pressure:</b>	Not Available.
<b>Vapor density:</b>	Not Available.
<b>Specific gravity:</b>	0.993
<b>Octanol/water coefficient:</b>	Not Available.
<b>Auto-ignition temperature:</b>	Not Available.

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### SECTION 10 - CHEMICAL STABILITY & REACTIVITY INFORMATION

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<b>Chemical stability:</b>	Stable under recommended storage conditions.
<b>Conditions to avoid:</b>	Do not mix with other chemicals.
<b>Incompatible materials:</b>	Avoid strong oxidizers.
<b>Hazardous decomposition products:</b>	None known.
<b>Possibility of hazardous reactions:</b>	Hazardous polymerization does not occur.

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### SECTION 11 - TOXICOLOGICAL INFORMATION

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#### EFFECTS OF ACUTE EXPOSURE

<b>Eye:</b>	May cause irritation
<b>Skin:</b>	May cause irritation
<b>Inhalation:</b>	LC <sub>50</sub> > 2mg/L (EPA Tox category IV)
<b>Ingestion:</b>	LD <sub>50</sub> > 3000 mg/kg
<b>Sensitization:</b>	Not a skin sensitizer
<b>Chronic effects/ Carcinogenicity:</b>	Not Available.
<b>Mutagenicity:</b>	Not Available.
<b>Reproductive effects:</b>	Not Available.
<b>Teratogenicity:</b>	Not Available.
<b>Ecotoxicity:</b>	Not Available.

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## SECTION 12 - ECOLOGICAL INFORMATION

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**Environmental effects:** Not Available.  
**Aquatic toxicity:** Toxic to aquatic organisms  
**Persistence / degradability:** Not Available.  
**Bioaccumulation / accumulation:** Not Available.  
**Partition coefficient:** Not Available.  
**Mobility in environmental media:** Not Available.  
**Chemical fate information:** Not Available.

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## SECTION 13 - DISPOSAL CONSIDERATIONS

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**Waste codes:** Not Available.  
**Disposal instructions:** Dispose in accordance with all applicable regulations.  
**Waste from residues / unused products:** Not Available.  
**Contaminated packaging:** Not Available.

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## SECTION 14 - TRANSPORTATION INFORMATION

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**U.S. Department of Transportation (DOT):** Aerosols, Flammable, 2.1, UN-1950, Limited Quantity  
**U.S. Federal regulations:** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.  
**IATA:** 1950, Aerosols, Flammable, 2.1  
**IMDG:** 1950, Aerosols, (Permethrin), 2.1, Marine Pollutant, Limited Quantity

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## SECTION 15 - REGULATORY INFORMATION

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**29 CFR 1910.1200 hazardous chemical Occupational Safety and Health Administration (OSHA):** No  
**CERCLA (Superfund) reportable quantity:** Not Available.

### HAZARD CATEGORIES

#### Superfund Amendments and Reauthorization Act of 1986 (SARA):

Immediate Hazard No  
Delayed Hazard No  
Fire Hazard No  
Pressure Hazard No  
Reactivity Hazard No

**Section 302 extremely hazardous Substance:** No

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**Section 311 hazardous chemical:** No  
**Clean Air Act (CAA):** Not Available.  
**Clean Water Act (CWA):** Not Available.

**State regulations:**

**INVENTORY STATUS**

**Inventory Country(s) or region name  
on inventory (yes/no)\*:** N/A Regulated by EPA

**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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**Issue date:** 2/25/15

**Prepared by:** United Industries Corp.  
(800) 242 1166