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

# Material Safety Data Sheet Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

#### **Hazardous Material Identification** System - (HMIS)

REACTIVITY - 0 HEALTH - 1 FLAMMABILITY - 0 PERSONAL -

I Trade Name: Hot Shot® Bedbug	& Flea Home Insect K	iller <sub>2</sub>	· ·	
Product Type: Liquid Ready-to-Use Inse	ecticide			
Product Item Number: HG-96190; HC	-96191; HG-96192	Formula Code Nun	<b>nber:</b> 21-1254; 21-1301	
EPA Registration Number	Manufacturer		Emergency Telephone Numbers	
9688-297-8845	Chemsico Division of United In 8494 Chapin Industr St. Louis, MO 6311		For Chemical Emergency:1-800-633-2873For Information:1-800-917-5431Prepared by:C. A. DuckworthDate Prepared:July 16,2012	
II Hazards Ingredient/Identity Inform	nation	III Physical and Chemical Characteristics		
Chemical%Lambda-cyhalothrin0.030CAS #91465-08-6	OSHA PEL ACGIH TLV NE NE	Appearance & Odor: Boiling Point: Melting Point: Ph Specific Gravity: Vapor Density: % Volatile (by vol.): Solubility in Water: Evaporation Rate:	Water-thin, translucent, straw color liquid with a slight odor. 220° F NA 5.0-6.0 1.0 (H <sub>2</sub> O = 1) Greater than 1 (Air = 1) 95% >99% Less than 1 (Butyl Acetate = 1)	
IV Fire and Explosive Hazards Data		V Reactivity Data		
Decomposition Temperature: NA Special Fire-Fighting Procedures: Use proce original fire	arbon dioxide, Dry chemical edures for elimination of e source. so see Section V.	Stability: Polymerization: Conditions to Avoid: Incompatible Materials Hazardous Decomposi or Byproducts:		
VI Health Hazard Data		VII Precautions for Safe Handling and Use		
Caution: Skin Contact: Harmful if absorbed th off contaminated clothing. Rinse skin immed minutes. Call a Poison Control Center or doc Special Notes: Have the product label with Control Center or doctor. Health conditions Aggravated by Exposure: Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens:	iately with water for 15-20 tor for treatment advice. In you when calling a Poison	<ul> <li>Steps to be Taken in Case Material is Released or Spilled: Avoid contact with liquid. Soak up with absorbent material.</li> <li>Waste Disposal: Place empty container in trash or recycle if available. If partially empty call your local solid waste agency for disposal instructions. Never place unused product down and indoor or outdoor drain.</li> <li>Handling &amp; Storage Precautions: Store in a cool, dry area away from heat or open flame.</li> </ul>		
VIII Control Measures		IX Transportation Data		
Read and follow label directions. They are yo product effectively, and give necessary safel your health.		DOT: Not Regulated by DOT IMDG: Not Regulated by IMDG IATA: Not Regulated by IATA		

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I Trade Name: Hot Shot	<sup>®</sup> Bedbug & I	Flea Kill	ler <sub>3</sub>		
Product Type: Aerosol in	secticide				
Item No: HG-96114; HG-76	114; HG-86114	4		Formula: 21-1227/2	1-0666/01-1012
EPA Registration Number		Manufacturer			<b>Emergency Telephone Numbers</b>
9688-269-8845		Chemsico Division of United Industries Corporation 8494 Chapin Industrial Drive St. Louis, MO 63114		al Drive	For Chemical Emergency:1-800-633-2873For Information:1-800-917-5431Prepared by:Charlie DuckworthDate Prepared:March 27, 2012
II Hazards Ingredient/Identity Information				III Physical and Chemical Characteristics	
Chemical	% (	osha pel	ACGIH TLV	Appearance & Odor:	Wet narrow fan spray with clear wet film and glycol ether odor.
Petroleum distillate CAS# 64742-47-8 Propylene glycol monobutyl ether CAS# 5131-66-8	1.0	100 ppm None	100 ppm None	Boiling Point: Melting Point: Vapor Pressure: Specific Gravity:	NA NA 110 psig at 54° C/130° F 0.993 (H <sub>2</sub> O = 1)
Gamma-cyhalothrin CAS# 76703-62-3	0.005	NA	2000 mg/kg (skin)	Vapor Density:	Greater than 1 (Air = 1)
Prallethrin CAS# 23021-36-9 Hydrocarbon Propellant blend CAS #75-28-5/106-97-8/ 74-98-6	0.025 9.00	NE NE	NE NE	Solubility in Water: Evaporation Rate:	Greater than 87% Less than 1 (Butyl Acetate = 1)
IV Fire and Explosive Hazards Data			V Reactivity Data		
Flash Point:       128° F (TCC) (liquid portion)         Flame Extension:       0-inches (Level 1 Aerosol)         Flammable Limits:       NA         Autoignition Temperature:       NA         Fire Extinguishing Media:       Water fog, Carbon dioxide, Dry chemical         Decomposition Temperature:       NA         Special Fire-Fighting       Keep cans cool. Use equipment or shielding to         Procedures:       protect personnel against bursting, rupturing or venting cans.         Unusual Fire & Explosion Hazards:       At elevated temperatures (over 54° C/130° F), cans may vent, rupture or burst. Also see Section V.			, Dry chemical shielding to , rupturing or res (over	Stability: Polymerization: Conditions to Avoid: Incompatible Materials Hazardous Decomposit or Byproducts:	
VI Health Hazard Data				VII Precautions for Safe Handling and Use	
SkinAvoid contact with skin and clothing. <i>First Aid</i> : Take offContact:contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.Ingestion:First Aid: Immediately call a Poison Control Center or doctor. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.SpecialHave the product container with you when calling a Poison Control Center or doctor, or going for treatment.Health conditions Aggravated by Exposure: None known Ingredients listed by NIP, OSHA, or IARC as Carcinogens or Potential Carcinogens:None			y with plenty of Center or nter or doctor. any liquid to an Iling a Poison	<ul> <li>Steps to be Taken in Case Material is Released or Spilled: Avoid breathing vapors. Avoid contact with liquid. Remove ignition sources. Soak up spills with absorbent material.</li> <li>Waste Disposal: Do not puncture or incinerate containers. If empty: Place in trash or offer for recycling if available. If partly filled: Call local solid waste agency or 1-800-CLEANUP for disposal instructions.</li> <li>Handling &amp; Storage Precautions: Do not store where temperatures can exceed 54° C/130° F.</li> </ul>	
VIII Control Measures				IX Transportation Data	
Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.				DOT: Consumer Commodity, ORM-D, UN-1950 IMDG: UN-1950, Aerosols, 2.1 IATA: Un-1950, Aerosols, Flammable, 2.1	

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Hazardo	us Material Identification
System -	(HMIS)

FLAMMABILITY - 2

HEALTH – 1 REACTIVITY - 0

PERSONAL -

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## Material Safety Data Sheet Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

**Hazardous Material Identification** System – (HMIS)

FLAMMABILITY - 2

HEALTH – 1

PERSONAL -

REACTIVITY - 0

I Trade Name: Hot Shot <sup>®</sup>	<sup>®</sup> Bedbug & I	Flea Fogg	er		
Product Type: Total Relea	ase Aerosol in	nsecticide	;		
Product Item Number: HG-	95764			Formula Code Num	ber: 21-0921
EPA Registration Number		Manufa	cturer		<b>Emergency Telephone Numbers</b>
1021-1674-8845		Chemsico Division of United Industries Corporation 8494 Chapin Industrial Drive St. Louis, MO 63114		al Drive	For Chemical Emergency:1-800-633-2873For Information:1-800-917-5431Prepared by:Charlie DuckworthDate Prepared:January 26, 2010
II Hazards Ingredient/Identity Information				III Physical and	Chemical Characteristics
Flame Extension:0-Flammable Limits:NAutoignition Temperature:NFire Extinguishing Media:WDecomposition Temperature:NSpecial Fire-FightingKeep car	0.050 0.100 0.167 0.100 0.100 35.00 <b>azards Data</b> 19° F (TCC) (liqui inches (Level 1 , A A Yater fog, Carbo A S cool. Use equi bersonnel agains cans. At elevated fe	Aerosol) on dioxide, E ipment or sl st bursting, ri emperature	hielding to upturing or s (over	Appearance & Odor: Boiling Point: Melting Point: Vapor Pressure: Specific Gravity: Vapor Density: Solubility in Water: Evaporation Rate: V Reactivity Dat Stability: Polymerization: Conditions to Avoid: Incompatible Materials Hazardous Decomposit or Byproducts:	Stable Will not occur Temperatures over 130° F NA
VI Health Hazard Data				VII Precautions for Safe Handling and Use	
<ul> <li>Skin Avoid contact with skin and clothing. First Aid: Take off</li> <li>Contact: contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.</li> <li>Ingestion: First Aid: Immediately call a Poison Control Center or doctor. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.</li> <li>Special Have the product container with you when calling a Poison Notes: Control Center or doctor, or going for treatment.</li> <li>Health conditions Aggravated by Exposure: None known</li> <li>Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens: None</li> </ul>				<ul> <li>Steps to be Taken in Case Material is Released or Spilled: Avoid breathing vapors. Avoid contact with liquid. Remove ignition sources. Soak up spills with absorbent material.</li> <li>Waste Disposal: Do not puncture or incinerate containers. If empty: Place in trash or offer for recycling if available. If partly filled: Call local solid waste agency for disposal instructions.</li> <li>Handling &amp; Storage Precautions: Do not store where temperatures can exceed 54° C/130° F.</li> </ul>	
VIII Control Measures				IX Transportation Data	
Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.			0	DOT: Consumer Commodity, ORM-D, UN-1950 IMDG: UN-1950, Aerosols, 2.1 IATA: UN-1950, Aerosols, Flammable, 2.1	

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Material Safety Data Sheet

Hazardous Material Identification System – (HMIS)

HEALTH – 1 REACTIVITY – 0 FLAMMABILITY – 0 PERSONAL – Rubber gloves

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

#### I Trade Name: Hot Shot Bedbug & Flea Killer Powder **Product Type:** Dust insecticide Product Item Number: HG-96084 A Formula Code Number: 01-2132 **EPA Registration Number** Manufacturer **Emergency Telephone Numbers** Chemsico For Chemical Emergency: 1-800-633-2873 1-800-917-5438 For Information: **Division of United Industries Corporation** 9688-173-8845 Prepared by: C. A. Duckworth 8494 Chapin Industrial Drive Date Prepared: September 20, 2011 St. Louis, MO 63114 **III** Physical and Chemical Characteristics **II Hazards Ingredient/Identity Information OSHA PEL** ACGIH TLV Fine white off-white powder, no odor Chemical % Appearance & Odor: Silicon Dioxide 85.0 NF NF **Boiling Point:** NA CAS# 7631-86-9 Melting Point: NA Vapor Pressure: NA Specific Gravity: 2.2 Vapor Density: NA % Volatile (by vol.): NA Solubility in Water: Less than 1% **IV** Fire and Explosive Hazards Data V Reactivity Data Flash Point NA Stability: Stable Flame Extension: NA Polymerization: Will not occur Flammable Limits: NA Conditions to Avoid: None Incompatible Materials: Autoignition Temperature: NA NA Fire Extinguishing Media: Water fog, Carbon dioxide, Dry chemical **Hazardous Decomposition** Decomposition Temperature: NA or Byproducts: NA **Special Fire-Fighting Procedures:** Use procedures for elimination of original fire source. **Unusual Fire & Explosion Hazards:** None. Also see Section V. VI Health Hazard Data VII Precautions for Safe Handling and Use Steps to be Taken in Case Material is Released or Spilled: Eye Contact: Causes moderate eye irritation. First Aid: Hold eye Avoid contact with dust. Sweep up and place in waste container. open and rinse slowly and gently with water for 15-Waste Disposal: 20 minutes. Remove contact lenses after the first If container is empty: Nonrefillable container. Do not reuse. Place five minutes, then continue rinsing eye. Call a container in trash or offer for recycling. Poison Control Center or doctor for treatment If container is partially filled: Call local solid waste agency or for advice. disposal instructions. Never place unused product down any indoor or Have the product label with you when calling a Special Notes: outdoor drain Poison Control Center or doctor or going for Handling & Storage Precautions: treatment Standard warehouse conditions Health conditions Aggravated by Exposure: None under normal use. Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens: None VIII Control Measures **IX** Transportation Data Read and follow label directions. They are your best guide to using this DOT: Not Regulated by DOT product effectively, and give necessary safety precautions to protect IMDG: Not Regulated by IMDG IATA: Not Regulated by IATA your health.

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as Carcinogens or Potential Carcinogens:

VIII Control Measures

None

### Material Safety Data Sheet

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#### I Trade Name: Hot Shot<sup>®</sup> No-Pest Strip<sub>2</sub> **Product Type:** Insecticide Strip Formula Code Number: 21-0882/21-0666 Product Item Number: 5580-5 **EPA Registration Number** Manufacturer **Emergency Telephone Numbers** Chemsico For Chemical Emergency: 1-800-633-2873 **Division of United Industries Corporation** For Information: 1-800-917-5431 5481-532-8845 Prepared by: Charlie Duckworth 8494 Chapin Industrial Drive Date Prepared: November 21, 2006 St. Louis, MO 63114 II Hazards Ingredient/Identity Information **III** Physical and Chemical Characteristics Chemical **OSHA PEL** ACGIH TLV Appearance & Odor: Yellow strip in a sealed plastic cage. % **Boiling Point:** Dichlorvos 18.6 1.0 mg/m<sup>3</sup> 0.9 mg/m<sup>3</sup> NA CAS #62-73-7 Melting Point: NA Vapor Pressure: NA Specific Gravity: NA Vapor Density: Greater than 1 (Air = 1) Solubility in Water: NA Evaporation Rate: 10 to 100 mg active per day IV **Fire and Explosive Hazards Data** V **Reactivity Data** Stability: Flash Point: NA Stable Flame Extension: NA Polymerization: Will not occur Flammable Limits: NA Conditions to Avoid: Temperatures over 130° F Autoignition Temperature: NA Incompatible Materials: NΑ Fire Extinguishing Media: Water fog, Carbon dioxide, Dry chemical Hazardous Decomposition Decomposition Temperature: NA or Byproducts: Carbon dioxide, carbon monoxide Special Fire-Fighting Use procedures for elimination of original fire Procedures: source Unusual Fire & Explosion Hazards: None Also see Section V VI Health Hazard Data VII Precautions for Safe Handling and Use Skin Contact: Avoid contact with skin and clothing. First Aid: Take off Steps to be Taken in Case Material is Released or Spilled: contaminated clothing. Rinse skin immediately with plenty of water for Avoid breathing vapors. 15-20 minutes. Call a Poison Control Center or doctor for treatment advice Waste Disposal: Ingestion: Harmful if swallowed. First Aid: Immediately call a Poison If empty: Place in trash or offer for recycling if available. If partly filled: Control Center or doctor. Do not induce vomiting unless told to do so by Call local solid waste agency or 1-800-CLEANUP for disposal instructions. a Poison Control Center or doctor. Have person sip a glass of water if able Handling & Storage Precautions: to swallow. Do not give anything by mouth to an unconscious person. Do not contaminate water, food or feed by storage or disposal. Eye Contact: First Aid: Hold eye open and rinse slowly and gently for 15-20 minutes. Remove contact lenses if present after the first 5 minutes then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice. Special Have the product container with you when calling a Poison Notes: Control Center or doctor, or going for treatment. Health conditions Aggravated by Exposure: None known Ingredients listed by NTP, OSHA, or IARC

Read and follow label directions. They are your best guide to using this DOT: Not Regulated by DOT (limited quantity exception) product effectively, and give necessary safety precautions to protect IMDG: Not Regulated by IMDG (limited quantity exception) your health. IATA: Not Regulated by IATA (limited quantity exception)

IX

**Transportation Data** 

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**Hazardous Material Identification** System – (HMIS)

HEALTH – 2

FLAMMABILITY - 0 PERSONAL -

**REACTIVITY - 0**