

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

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

HEALTH – 1 REACTIVITY – 0

FLAMMABILITY – 0 PERSONAL –

# Material Safety Data Sheet

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

<b>I Trade Name:</b> Hot Shot® Bedbug & Flea Home Insect Killer <sub>2</sub>			
<b>Product Type:</b> Liquid Ready-to-Use Insecticide			
<b>Product Item Number:</b> HG-96190; HG-96191; HG-96192		<b>Formula Code Number:</b> 21-1254; 21-1301	
<b>EPA Registration Number</b>	<b>Manufacturer</b>		<b>Emergency Telephone Numbers</b>
9688-297-8845	Chemsico Division of United Industries Corporation 8494 Chapin Industrial Drive St. Louis, MO 63114		For Chemical Emergency: 1-800-633-2873 For Information: 1-800-917-5431 Prepared by: C. A. Duckworth Date Prepared: July 16,2012
<b>II Hazards Ingredient/Identity Information</b>		<b>III Physical and Chemical Characteristics</b>	
<b>Chemical</b>	<b>%</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
Lambda-cyhalothrin CAS #91465-08-6	0.030	NE	NE
<b>IV Fire and Explosive Hazards Data</b>		<b>V Reactivity Data</b>	
<b>Flash Point:</b>	>200°F	<b>Stability:</b>	Stable
<b>Flammable Limits:</b>	NA	<b>Polymerization:</b>	Will not occur
<b>Autoignition Temperature:</b>	NA	<b>Conditions to Avoid:</b>	None
<b>Fire Extinguishing Media:</b>	Water fog, Carbon dioxide, Dry chemical	<b>Incompatible Materials:</b>	NA
<b>Decomposition Temperature:</b>	NA	<b>Hazardous Decomposition or Byproducts:</b>	NA
<b>Special Fire-Fighting Procedures:</b>	Use procedures for elimination of original fire source.		
<b>Unusual Fire &amp; Explosion Hazards:</b>	None. Also see Section V.		
<b>VI Health Hazard Data</b>		<b>VII Precautions for Safe Handling and Use</b>	
<b>Caution: Skin Contact:</b> Harmful if absorbed through skin. <b>First Aid:</b> Take off contaminated clothing. Rinse skin immediately with water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.		<b>Steps to be Taken in Case Material is Released or Spilled:</b> Avoid contact with liquid. Soak up with absorbent material.	
<b>Special Notes:</b> Have the product label with you when calling a Poison Control Center or doctor.		<b>Waste Disposal:</b> 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.	
<b>Health conditions Aggravated by Exposure:</b> None known		<b>Handling &amp; Storage Precautions:</b> Store in a cool, dry area away from heat or open flame.	
<b>Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens:</b> None			
<b>VIII Control Measures</b>		<b>IX Transportation Data</b>	
Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.		<b>DOT: Not Regulated by DOT</b> <b>IMDG: Not Regulated by IMDG</b> <b>IATA: Not Regulated by IATA</b>	

The information and statements herein are believed to be reliable but are not to be construed as warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.

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

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

HEALTH – 1	REACTIVITY – 0
FLAMMABILITY – 2	PERSONAL –

# Material Safety Data Sheet

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

<b>I Trade Name:</b> Hot Shot® Bedbug & Flea Killer <sub>3</sub>			
<b>Product Type:</b> Aerosol insecticide			
<b>Item No:</b> HG-96114; HG-76114; HG-86114		<b>Formula:</b> 21-1227/21-0666/01-1012	
<b>EPA Registration Number</b>	<b>Manufacturer</b>		<b>Emergency Telephone Numbers</b>
9688-269-8845	Chemsico Division of United Industries Corporation 8494 Chapin Industrial Drive St. Louis, MO 63114		For Chemical Emergency: 1-800-633-2873 For Information: 1-800-917-5431 Prepared by: Charlie Duckworth Date Prepared: March 27, 2012
<b>II Hazards Ingredient/Identity Information</b>		<b>III Physical and Chemical Characteristics</b>	
<b>Chemical</b>	<b>%</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
Petroleum distillate CAS# 64742-47-8	5.0	100 ppm	100 ppm
Propylene glycol monobutyl ether CAS# 5131-66-8	1.0	None	None
Gamma-cyhalothrin CAS# 76703-62-3	0.005	NA	2000 mg/kg (skin)
Prallethrin CAS# 23021-36-9	0.025	NE	NE
Hydrocarbon Propellant blend CAS #75-28-5/106-97-8/ 74-98-6	9.00	NE	NE
<b>IV Fire and Explosive Hazards Data</b>		<b>V Reactivity Data</b>	
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 Procedures: Keep cans cool. Use equipment or shielding to 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.		Stability: Stable Polymerization: Will not occur Conditions to Avoid: Temperatures over 130° F Incompatible Materials: NA Hazardous Decomposition or Byproducts: Carbon dioxide, carbon monoxide	
<b>VI Health Hazard Data</b>		<b>VII Precautions for Safe Handling and Use</b>	
Skin Contact: Avoid contact with skin and clothing. <b>First Aid:</b> Take off 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. Special Notes: Have 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 NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens: None		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. 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. Handling & Storage Precautions: Do not store where temperatures can exceed 54° C/130° F.	
<b>VIII Control Measures</b>		<b>IX Transportation Data</b>	
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	

The information and statements herein are believed to be reliable but are not to be construed as warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.

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

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

HEALTH – 1      REACTIVITY – 0

FLAMMABILITY – 2      PERSONAL –

# Material Safety Data Sheet

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

<b>I Trade Name:</b> Hot Shot® Bedbug & Flea Fogger			
<b>Product Type:</b> Total Release Aerosol insecticide			
<b>Product Item Number:</b> HG-95764		<b>Formula Code Number:</b> 21-0921	
<b>EPA Registration Number</b>	<b>Manufacturer</b>	<b>Emergency Telephone Numbers</b>	
1021-1674-8845	Chemsico Division of United Industries Corporation 8494 Chapin Industrial Drive St. Louis, MO 63114	<b>For Chemical Emergency:</b> 1-800-633-2873 <b>For Information:</b> 1-800-917-5431 <b>Prepared by:</b> Charlie Duckworth <b>Date Prepared:</b> January 26, 2010	
<b>II Hazards Ingredient/Identity Information</b>		<b>III Physical and Chemical Characteristics</b>	
<b>Chemical</b>	<b>%</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>
Pyrethrins CAS #121-21-1	0.050	NE	NE
Piperonyl Butoxide CAS #51-03-06	0.100	NE	NE
MGK-264 CAS#113-48-4	0.167	NE	NE
Esfenvalerate CAS#66230-04-4	0.100	NE	NE
Pyriproxyfen CAS#95737-68-1	0.100	NE	NE
Hydrocarbon Propellant blend CAS #75-28-5/106-97-8/ 74-98-6	35.00	NE	NE
<b>IV Fire and Explosive Hazards Data</b>		<b>V Reactivity Data</b>	
<b>Flash Point:</b> 119° F (TCC) (liquid portion) <b>Flame Extension:</b> 0-inches (Level 1 Aerosol) <b>Flammable Limits:</b> NA <b>Autoignition Temperature:</b> NA <b>Fire Extinguishing Media:</b> Water fog, Carbon dioxide, Dry chemical <b>Decomposition Temperature:</b> NA <b>Special Fire-Fighting Procedures:</b> Keep cans cool. Use equipment or shielding to protect personnel against bursting, rupturing or venting cans. <b>Unusual Fire &amp; Explosion Hazards:</b> At elevated temperatures (over 54° C/130° F), cans may vent, rupture or burst. Also see Section V.		<b>Stability:</b> Stable <b>Polymerization:</b> Will not occur <b>Conditions to Avoid:</b> Temperatures over 130° F <b>Incompatible Materials:</b> NA <b>Hazardous Decomposition or Byproducts:</b> Carbon dioxide, carbon monoxide	
<b>VI Health Hazard Data</b>		<b>VII Precautions for Safe Handling and Use</b>	
<b>Skin Contact:</b> Avoid contact with skin and clothing. <b>First Aid:</b> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice. <b>Ingestion:</b> 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. <b>Special Notes:</b> Have the product container with you when calling a Poison Control Center or doctor, or going for treatment. <b>Health conditions Aggravated by Exposure:</b> None known <b>Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens:</b> None		<b>Steps to be Taken in Case Material is Released or Spilled:</b> Avoid breathing vapors. Avoid contact with liquid. Remove ignition sources. Soak up spills with absorbent material. <b>Waste Disposal:</b> 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. <b>Handling &amp; Storage Precautions:</b> Do not store where temperatures can exceed 54° C/130° F.	
<b>VIII Control Measures</b>		<b>IX Transportation Data</b>	
Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.		<b>DOT:</b> Consumer Commodity, ORM-D, UN-1950 <b>IMDG:</b> UN-1950, Aerosols, 2.1 <b>IATA:</b> UN-1950, Aerosols, Flammable, 2.1	

The information and statements herein are believed to be reliable but are not to be construed as warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.

Spectrum Group  
 Division of United Industries Corp.  
 P. O. Box 142642  
 St. Louis, MO 63144-0642

Hazardous Material Identification System – (HMIS)	
HEALTH – 1	REACTIVITY – 0
FLAMMABILITY – 0	PERSONAL – Rubber gloves

# Material Safety Data Sheet

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

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

The information and statements herein are believed to be reliable but are not to be construed as warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.

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

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

HEALTH – 2      REACTIVITY – 0

FLAMMABILITY – 0      PERSONAL –

# Material Safety Data Sheet

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

<b>I Trade Name:</b> Hot Shot <sup>®</sup> No-Pest Strip <sub>2</sub>			
<b>Product Type:</b> Insecticide Strip			
<b>Product Item Number:</b> 5580-5		<b>Formula Code Number:</b> 21-0882/21-0666	
<b>EPA Registration Number</b>	<b>Manufacturer</b>		<b>Emergency Telephone Numbers</b>
5481-532-8845	Chemsico Division of United Industries Corporation 8494 Chapin Industrial Drive St. Louis, MO 63114		For Chemical Emergency: 1-800-633-2873 For Information: 1-800-917-5431 Prepared by: Charlie Duckworth Date Prepared: November 21, 2006
<b>II Hazards Ingredient/Identity Information</b>		<b>III Physical and Chemical Characteristics</b>	
<b>Chemical</b> Dichlorvos CAS #62-73-7	<b>%</b> 18.6	<b>OSHA PEL</b> 1.0 mg/m <sup>3</sup>	<b>ACGIH TLV</b> 0.9 mg/m <sup>3</sup>
		<b>Appearance &amp; Odor:</b> Yellow strip in a sealed plastic cage.	
		<b>Boiling Point:</b> NA	
		<b>Melting Point:</b> NA	
		<b>Vapor Pressure:</b> NA	
		<b>Specific Gravity:</b> NA	
		<b>Vapor Density:</b> Greater than 1 (Air = 1)	
		<b>Solubility in Water:</b> NA	
		<b>Evaporation Rate:</b> 10 to 100 mg active per day	
<b>IV Fire and Explosive Hazards Data</b>		<b>V Reactivity Data</b>	
<b>Flash Point:</b> NA		<b>Stability:</b> Stable	
<b>Flame Extension:</b> NA		<b>Polymerization:</b> Will not occur	
<b>Flammable Limits:</b> NA		<b>Conditions to Avoid:</b> Temperatures over 130° F	
<b>Autoignition Temperature:</b> NA		<b>Incompatible Materials:</b> NA	
<b>Fire Extinguishing Media:</b> Water fog, Carbon dioxide, Dry chemical		<b>Hazardous Decomposition or Byproducts:</b> Carbon dioxide, carbon monoxide	
<b>Decomposition Temperature:</b> NA			
<b>Special Fire-Fighting Procedures:</b> Use procedures for elimination of original fire source			
<b>Unusual Fire &amp; Explosion Hazards:</b> None Also see Section V.			
<b>VI Health Hazard Data</b>		<b>VII Precautions for Safe Handling and Use</b>	
<b>Skin Contact:</b> Avoid contact with skin and clothing. <b>First Aid:</b> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.		<b>Steps to be Taken in Case Material is Released or Spilled:</b> Avoid breathing vapors.	
<b>Ingestion: Harmful if swallowed.</b> 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. Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.		<b>Waste Disposal:</b> 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.	
<b>Eye Contact:</b> 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.		<b>Handling &amp; Storage Precautions:</b> Do not contaminate water, food or feed by storage or disposal.	
<b>Special Notes:</b> Have the product container with you when calling a Poison Control Center or doctor, or going for treatment.			
<b>Health conditions Aggravated by Exposure:</b> None known			
<b>Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens:</b> None			
<b>VIII Control Measures</b>		<b>IX Transportation Data</b>	
Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.		<b>DOT:</b> Not Regulated by DOT (limited quantity exception) <b>IMDG:</b> Not Regulated by IMDG (limited quantity exception) <b>IATA:</b> Not Regulated by IATA (limited quantity exception)	

The information and statements herein are believed to be reliable but are not to be construed as warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.