

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

**I Trade Name:** Hot Shot<sup>®</sup> Ant & Roach Plus Germ Killer

**Product Type:** Aerosol insecticide

**Item No:** HG-14416; HG-14460 **Formula:** 21-0666/21-1149 or 21-0666/21-1150

EPA Registration Number	Manufacturer	Emergency Telephone Numbers
9688-288-8845	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: June 2, 2011

**II Hazards Ingredient/Identity Information** **III Physical and Chemical Characteristics**

Chemical	%	OSHA PEL	ACGIH TLV	Appearance & Odor:
Petroleum distillate CAS# 64742-47-8	4.0	100 ppm	100 ppm	Wet narrow fan spray with clear wet film and glycol ether odor (plus fragrance in some)
Propylene glycol monobutyl ether CAS# 5131-66-8	6.0	None	None	<b>Boiling Point:</b> NA <b>Melting Point:</b> NA
Lambda-cyhalothrin CAS# 91465-08-6	0.01	NA	2000 mg/kg (skin)	<b>Vapor Pressure:</b> 110 psig at 54° C/130° F <b>Specific Gravity:</b> 0.993 (H <sub>2</sub> O = 1) <b>Vapor Density:</b> Greater than 1 (Air = 1)
Prallethrin CAS# 23031-36-9	0.025	NE	NE	<b>Solubility in Water:</b> Greater than 87% <b>Evaporation Rate:</b> Less than 1 (Butyl Acetate = 1)
Hydrocarbon Propellant blend CAS #75-28-5/106-97-8/ 74-98-6	5.0	NE	NE	
o-phenylphenol CAS #90-43-7	0.1	NE	NE	

**IV Fire and Explosive Hazards Data** **V Reactivity Data**

<b>Flash Point:</b> 117° F (TCC) (liquid portion)	<b>Stability:</b> Stable
<b>Flame Extension:</b> 0-inches (Level 1 Aerosol)	<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> 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.	

**VI Health Hazard Data** **VII Precautions for Safe Handling and Use**

<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. Avoid contact with liquid. Remove ignition sources. Soak up spills with absorbent material.
<b>Eye Contact:</b> Causes moderate eye irritation. <b>First Aid:</b> 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. Call a Poison Control Center or doctor for treatment advice.	<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>Special Notes:</b> Have the product container with you when calling a Poison Control Center or doctor, or going for treatment.	<b>Handling &amp; Storage Precautions:</b> Do not store where temperatures can exceed 54° C/130° F.
<b>Health conditions Aggravated by Exposure:</b> None known	
<b>Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens:</b> None	

**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
---	--

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.