

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® Bedbug & Flea Killer₃

Product Type: Aerosol insecticide

Item No: HG-96114; HG-76114; HG-86114

Formula: 21-1227/21-0666/01-1012

EPA Registration Number

Manufacturer

Emergency Telephone Numbers

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

II Hazards Ingredient/Identity Information

Chemical	%	OSHA PEL	ACGIH TLV
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

III Physical and Chemical Characteristics

Appearance & Odor:	Wet narrow fan spray with clear wet film and glycol ether odor.
Boiling Point:	NA
Melting Point:	NA
Vapor Pressure:	110 psig at 54° C/130° F
Specific Gravity:	0.993 (H ₂ O = 1)
Vapor Density:	Greater than 1 (Air = 1)
Solubility in Water:	Greater than 87%
Evaporation Rate:	Less than 1 (Butyl Acetate = 1)

IV Fire and Explosive Hazards 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 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.

V Reactivity Data

Stability:	Stable
Polymerization:	Will not occur
Conditions to Avoid:	Temperatures over 130° F
Incompatible Materials:	NA
Hazardous Decomposition or Byproducts:	Carbon dioxide, carbon monoxide

VI Health Hazard Data

Skin Contact:	Avoid contact with skin and clothing. First Aid: 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

VII Precautions for Safe Handling and Use

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.

VIII Control Measures

Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.

IX Transportation Data

DOT: Consumer Commodity, ORM-D, UN-1950
IMDG: UN-1950, Aerosols, 2.1
IATA: Un-1950, Aerosols, Flammable, 2.1

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