

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> Bedbug & Flea Killer<sub>3</sub>

**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<br>CAS# 64742-47-8                        | 5.0   | 100 ppm  | 100 ppm              |
| Propylene glycol monobutyl<br>ether CAS# 5131-66-8             | 1.0   | None     | None                 |
| Gamma-cyhalothrin<br><br>CAS# 76703-62-3                       | 0.005 | NA       | 2000 mg/kg<br>(skin) |
| Prallethrin<br>CAS# 23021-36-9                                 | 0.025 | NE       | NE                   |
| Hydrocarbon Propellant blend<br>CAS #75-28-5/106-97-8/ 74-98-6 | 9.00  | NE       | NE                   |

## III Physical and Chemical Characteristics

|                               |   |
|-------------------------------|---|
| <b>Appearance &amp; Odor:</b> | Wet narrow fan spray with clear wet film and glycol ether odor. |
| <b>Boiling Point:</b>         | NA  |
| <b>Melting Point:</b>         | NA  |
| <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)  |
| <b>Solubility in Water:</b>   | Greater than 87%  |
| <b>Evaporation Rate:</b>      | Less than 1 (Butyl Acetate = 1)                                 |

## IV Fire and Explosive Hazards Data

|  |  |
|--|--|
| <b>Flash Point:</b>                          | 128° 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.           |

## V Reactivity Data

|   |                                 |
|---|---------------------------------|
| <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 |

## VI Health Hazard Data

|  |  |
|--|--|
| <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   |

## VII Precautions for Safe Handling and Use

|   |   |
|---|---|
| <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 or 1-800-CLEANUP for disposal instructions. |
| <b>Handling &amp; Storage Precautions:</b>                        | 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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