

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 – 2

PERSONAL – Rubber gloves

# Material Safety Data Sheet

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

**I Trade Name:** Hot Shot® Roach & Ant Killer 2

**Product Type:** Aerosol insecticide

**Product Item Number:** 4415/4416/4420/4435/4450/4460/4466 **Formula Code Number:** 21-0443/21-0444

**EPA Registration Number** **Manufacturer** **Emergency Telephone Numbers**

9688-86-8845

Chemsico  
 Division of United Industries Corporation  
 8494 Chapin Industrial Drive  
 St. Louis, MO 63114

**For Chemical Emergency:** 1-800-633-2873  
**For Information:** 1-800-332-5553  
**Prepared by:** C. A. Duckworth  
**Date Prepared:** October 25, 2004

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

| Chemical  | %    | OSHA PEL | ACGIH TLV         |
|---|------|----------|-------------------|
| Mineral spirits<br>CAS# 8012-95-1                             | 4.00 | 100 ppm  | 100 ppm           |
| Propylene glycol monobutyl ether<br>CAS# 5131-66-8            | 6.00 | None     | None              |
| n-octyl Bicycloheptene di-carboximide<br>CAS#113-48-4         | 1.00 | NA       | NE                |
| Tralomethrin<br>CAS# 66841-25-6                               | 0.01 | NA       | 2000 mg/kg (skin) |
| d-trans Allethrin<br>CAS#61009-26-5                           | 0.05 | NE       | NE                |
| Hydrocarbon Propellant blend<br>CAS #75-28-5/106-97-8/74-98-6 | 5.00 | NE       | NE                |

**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:** 0.97 (H<sub>2</sub>O = 1)  
**Vapor Density:** Greater than 1 (Air = 1)  
**% Volatile (by vol.):** 95%  
**Solubility in Water:** Greater than 87%  
**Evaporation Rate:** Less than 1 (Butyl Acetate = 1)

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

**Flash Point:** 144° F (TCC)  
**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

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

**Ingestion (Swallowing):** May be harmful if swallowed. **First Aid:** Do not induce vomiting because of aspiration hazard. Get medical attention.  
**Skin Contact:** Avoid contact with skin and clothing. **First Aid:** Wash off with soap and water. Get medical attention if irritation persists.  
**Eye Contact:** Avoid contact with eyes. **First Aid:** Flush eyes with plenty of water. Get medical attention if irritation persists.  
**Special Notes:** None  
**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. Give empty, leaking or full containers to a facility qualified to dispose of pressurized containers.  
**Handling & Storage Precautions:**  
 Do not store where temperatures can exceed 54° C/130° F.

**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, Hazard Class ORM-D (Limited Quantity Exception)  
**IMDG:** Aerosols (Maximum 1 Liter), Hazard Class 2, UN-1950, Packing Group III  
**IATA:** Aerosols, Flammable, Containing Substances in Division 6.1, Packing Group III (Each Not Exceeding 1 Liter Capacity), Hazard Class 2.1, UN-1950, Packing Group III

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