

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

Chemical	%	OSHA PEL	ACGIH TLV
Mineral spirits CAS# 8012-95-1	4.00	100 ppm	100 ppm
Propylene glycol monobutyl ether CAS# 5131-66-8	6.00	None	None
n-octyl Bicycloheptene di- carboximide CAS#113-48-4	1.00	NA	NE
Tralomethrin CAS# 66841-25-6	0.01	NA	2000 mg/kg (skin)
d-trans Allethrin CAS#61009-26-5	0.05	NE	NE
Hydrocarbon Propellant blend CAS #75-28-5/106-97-8/74-98-6	5.00	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:	0.97 (H ₂ 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

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.

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

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

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. 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

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, 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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