

Spectrum Group  
Division of United Industries Corp.  
P.O. Box 142642  
St. Louis, MO 63114-0642

# Material Safety Data Sheet

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

## Hazardous Material Identification System - (HMIS)

HEALTH - 1

REACTIVITY - 0

FLAMMABILITY - 0

PERSONAL -  
Rubber gloves

**I Trade Name:** Hot Shot® Flying Insect Killer

**Product Type:** Aerosol Insecticide

**Product Item Number:** 5415.6

**Formula Code Number:** 21-0601

**EPA Registration Number**

**Manufacturer**

**Emergency Telephone No.**

46515-48-8845

Chemsico  
8494 Chapin Industrial Dr.  
St. Louis, MO 63114

**For Chemical Emergency:** 1-800-633-2873  
**For Information:** 1-800-332-5553  
**Prepared by:** C.A. Duckworth  
**Date Prepared:** June 29, 2000

## II Hazardous Ingredients/Identity Information

Chemical	%	OSHA PEL	ACGIH TLV
Mineral Spirits	4.0	100 ppm	100 ppm
CAS #8012-95-1			
d-trans Allethrin	0.25	NA	NA
CAS #28434-00-6			
Permethrin	0.15	NA	NA
CAS #52645-53-1			
Hydrocarbon propellant			
blend	18.0	NE	NE
CAS #75-28-5/106-97-8/74-98-6			

## III Physical and Chemical Characteristics

**Appearance and Odor:** Solid fan mist. No significant residue. Fragrance and pyrethroid odor.

**Boiling Point:** NA

**Melting Point:** NA

**Vapor Pressure:** 120 psig @ 54°C/130°F

**Specific Gravity:** 0.97 (H<sub>2</sub>O=1)

**Vapor Density:** greater than 1 (Air=1)

**% Volatile (by vol.):** 99%

**Solubility in Water:** greater than 65%

**Evaporation Rate:** less than 1 (Butyl Acetate=1)

## IV Fire and Explosion Hazard Data

**Flame Extension:** 0" (Level 1 Aerosol)

**Flammable Limits:** N/A

**Autoignition Temp.:** N/A

**Fire Extinguishing Media:** Water Fog, Carbon Dioxide, Dry Chemical

**Decomposition Temp.:** N/A

**Special Fire-Fighting Procedures:** Keep containers cool. Use equipment or shielding required protecting personnel against bursting, rupturing or venting containers.

**Unusual Fire and Explosion Hazards:** At elevated temperatures (over 54°C/130°F), containers 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:** N/A

**Hazardous Decomposition or Byproducts:** Carbon dioxide, carbon monoxide

## VI Health Hazard Data

**Ingestion (Swallowing):** Avoid contamination of feed or foodstuffs. **First Aid:** Call physician or Poison Control Center immediately.

**Skin Contact:** Harmful if absorbed through skin. **First Aid:** Wash with plenty of soap and warm water. Get medical attention if irritation persists.

**Eye Contact:** Avoid contact with eyes. **First Aid:** Flush 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. Remove ignition sources. Avoid skin contact with liquid.

**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 Shipping Name -** Consumer Commodity  
**DOT Hazard Class -** ORM-D

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