

Chemsico  
 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 - 2

PERSONAL - Rubber gloves

**I Trade Name:** Ace Flying Insect Killer

**Product Type:** Aerosol Insecticide

**Product Item Number:** 72675

**Formula Code Number:** 21-0297

**EPA Registration Number**

**Manufacturer**

**Emergency Telephone No.**

478-93-9688

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

For Chemical Emergency: 1-800-633-2873  
 For Information: 1-800-332-5553  
 Prepared by: H.L. Pauls  
 Date Prepared: October 28, 2004

## II Hazardous Ingredients/Identity Information

Chemical	%	OSHA PEL	ACGIH/TLV
Mineral Spirits CAS #8012-95-1	8.0	100 ppm	100 ppm
Aromatic Hydrocarbon CAS #64742-95-6	1.0	100 ppm	NA
Sumithrin (d-Phenothrin) CAS #26002-80-2	0.15	NA	NA
Tetramethrin CAS #7696-12-0	0.25	NA	NA
Hydrocarbon propellant blend CAS # 75-28-5/106-97-8/74-98-6	25.0	NE	NE

## 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

**Flash Point:** 147°F (TCC)  
**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):** Harmful if swallowed. **First Aid:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**Skin Contact:** Harmful if absorbed through skin. **First Aid:** Wash with plenty of soap and water. Call a physician if irritation persists. Remove contaminated clothing and wash before re-use.

**Eye Contact:** May cause eye irritation. **First Aid:** Flush eyes with plenty of water. Call a physician if irritation persists.

**Inhalation Toxicity:** Harmful if inhaled. **First Aid:** Remove victim to fresh air. If not breathing, give artificial respiration preferably mouth to mouth. Get medical attention.

**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 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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