Spectrum Group, Division of United Industries Corp.
P.O. Box 15842, St. Louis, MO 63114

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: Real-Kill® Flying & Crawling Insect Killer/Mata Insectos Voladores y Rasteros

Product Type: Aerosol Insecticide

EPA Registration Number	Manufacturer	Emergency Telephone No.
9688-111-8845	Chemsico 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: September 27, 1996

II Hazardous Ingredients/Identity Information

Chemical	%	OSHA PEL	ACGIH TLV
Mineral Spirits CAS #8012-95-1	9.20	100 ppm	100 ppm
Pyrethrins CAS #8003-34-7	0.10	NA	5 mg/m³
Permethrin CAS #52645-53-1	0.20	NA	NA
Piperonyl butoxide CAS #51-03-6	0.50	NA	NA
Isobutane CAS #75-28-5	25.0	NE	NE
Propane CAS #74-98-6	5.00	1000 ppm	NE

III Physical and Chemical Characteristics

Appearance and Odor: Fan spray. Clear wet film. Pyrethroid odor.
Boiling Point: NA
Melting Point: NA
Vapor Pressure: 110 psig @ 54°C/130°F
Specific Gravity: 0.95 (H_2O=1)
Vapor Density: greater than 1 (Air=1)
% Volatile (by vol.): 99%
Solubility in Water: greater than 61%
Evaporation Rate: less than 1 (Butyl Acetate=1)

IV Fire and Explosion Hazard Data

Flash Point: 144°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 to protect personnel against bursting, rupturing or venting contianers.
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 and foodstuffs.
Inhalation Toxicity: Harmful if inhaled. Avoid breathing vapor or spray mist. First Aid: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.
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. 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 contianers.
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

The information and statements herein are believed to be reliable but are not to be construed as warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.