

Spectrum Group  
 Division of United Industries Corp.  
 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

<b>I Trade Name:</b> Hot Shot® Flying Insect Killer																							
<b>Product Type:</b> Aerosol Insecticide																							
<b>Product Item Number:</b> 5415.6		<b>Formula Code Number:</b> 21-0601																					
<b>EPA Registration Number</b>		<b>Manufacturer</b>																					
46515-48-8845		Chemsico 8494 Chapin Industrial Dr. St. Louis, MO 63114																					
<b>Emergency Telephone No.</b>																							
For Chemical Emergency: 1-800-633-2873 For Information: 1-800-332-5553 Prepared by: C.A. Duckworth Date Prepared: October 28, 2004																							
<b>II Hazardous Ingredients/Identity Information</b>		<b>III Physical and Chemical Characteristics</b>																					
<table border="1"> <thead> <tr> <th>Chemical</th> <th>%</th> <th>OSHA PEL</th> <th>ACGIH TLV</th> </tr> </thead> <tbody> <tr> <td>Mineral Spirits CAS #8012-95-1</td> <td>4.0</td> <td>100 ppm</td> <td>100 ppm</td> </tr> <tr> <td>d-trans Allethrin CAS #28434-00-6</td> <td>0.25</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Permethrin CAS #52645-53-1</td> <td>0.15</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Hydrocarbon propellant blend CAS #75-28-5/106-97-8/74-98-6</td> <td>18.0</td> <td>NE</td> <td>NE</td> </tr> </tbody> </table>		Chemical	%	OSHA PEL	ACGIH TLV	Mineral Spirits CAS #8012-95-1	4.0	100 ppm	100 ppm	d-trans Allethrin CAS #28434-00-6	0.25	NA	NA	Permethrin CAS #52645-53-1	0.15	NA	NA	Hydrocarbon propellant blend CAS #75-28-5/106-97-8/74-98-6	18.0	NE	NE	<p><b>Appearance and Odor:</b> Solid fan mist. No significant residue. Fragrance and pyrethroid odor.</p> <p><b>Boiling Point:</b> NA  <b>Melting Point:</b> NA  <b>Vapor Pressure:</b> 120 psig @ 54°C/130°F  <b>Specific Gravity:</b> 0.97 (H<sub>2</sub>O=1)  <b>Vapor Density:</b> greater than 1 (Air=1)  <b>% Volatile (by vol.):</b> 99%  <b>Solubility in Water:</b> greater than 65%  <b>Evaporation Rate:</b> less than 1 (Butyl Acetate=1)</p>	
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<b>IV Fire and Explosion Hazard Data</b>		<b>V Reactivity Data</b>																					
<p><b>Flame Extension:</b> 0" (Level 1 Aerosol)  <b>Flammable Limits:</b> N/A  <b>Autoignition Temp.:</b> N/A  <b>Fire Extinguishing Media:</b> Water Fog, Carbon Dioxide, Dry Chemical  <b>Decomposition Temp.:</b> N/A  <b>Special Fire-Fighting Procedures:</b> Keep containers cool. Use equipment or shielding required protecting personnel against bursting, rupturing or venting containers.  <b>Unusual Fire and Explosion Hazards:</b> At elevated temperatures (over 54°C/130°F), containers may vent, rupture or burst. Also see Section V.</p>		<p><b>Stability:</b> Stable  <b>Polymerization:</b> Will not occur  <b>Conditions to Avoid:</b> Temperatures over 130°F  <b>Incompatible Materials:</b> N/A  <b>Hazardous Decomposition or Byproducts:</b> Carbon dioxide, carbon monoxide</p>																					
<b>VI Health Hazard Data</b>		<b>VII Precautions for Safe Handling and Use</b>																					
<p><b>Ingestion (Swallowing):</b> Avoid contamination of feed or foodstuffs. <b>First Aid:</b> Call physician or Poison Control Center immediately.  <b>Skin Contact:</b> Harmful if absorbed through skin. <b>First Aid:</b> Wash with plenty of soap and warm water. Get medical attention if irritation persists.  <b>Eye Contact:</b> Avoid contact with eyes. <b>First Aid:</b> Flush with plenty of water. Get medical attention if irritation persists.  <b>Special Notes:</b> None  <b>Health Conditions Aggravated by Exposure:</b> None Known  <b>Ingredients listed by NTP, OSHA or IARC as Carcinogens or potential carcinogens:</b> None</p>		<p><b>Steps to be Taken in Case Material is Released or Spilled:</b> Avoid breathing vapors. Remove ignition sources. Avoid skin contact with liquid.  <b>Waste Disposal:</b> Do not puncture or incinerate containers. Give empty, leaking or full containers to a facility qualified to dispose of pressurized containers.  <b>Handling &amp; Storage Precautions:</b> Do not store where temperatures can exceed 54°C/130°F.</p>																					
<b>VIII Control Measures</b>		<b>IX Transportation Data</b>																					
<p>Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.</p>		<p>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</p>																					

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.