

Chemsico
 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 –

Material Safety Data Sheet

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

I Trade Name: Black Flag® Wasp Hornet & Yellow Jacket Killer

Product Type: Aerosol insecticide

Product Item Number: HG-11036 **Formula Code Number:** 21-1217;21-0666; 01-1006

EPA Registration Number	Manufacturer	Emergency Telephone Numbers
9688-190	Chemsico Division of United Industries Corporation 8494 Chapin Industrial Drive St. Louis, MO 63114	For Chemical Emergency: 1-800-633-2873 For Information: 1-800-887-3524 Prepared by: Charlie Duckworth Date Prepared: September 20, 2012

II Hazards Ingredient/Identity Information	III Physical and Chemical Characteristics																								
<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>5.0</td> <td>100 ppm</td> <td>100 ppm</td> </tr> <tr> <td>Diethylene Glycol Monobutyl ether CAS# 112-34-5</td> <td>1.0</td> <td>None</td> <td>None</td> </tr> <tr> <td>Lambda-cyhalothrin CAS# 91465-08-6</td> <td>0.01</td> <td>NA</td> <td>2000 mg/kg (skin)</td> </tr> <tr> <td>Prallethrin CAS# 23031-36-9</td> <td>0.025</td> <td>NE</td> <td>NE</td> </tr> <tr> <td>Hydrocarbon Propellant blend CAS #75-28-5/106-97-8/74-98-6</td> <td>5.00</td> <td>NE</td> <td>NE</td> </tr> </tbody> </table>	Chemical	%	OSHA PEL	ACGIH TLV	Mineral spirits CAS# 8012-95-1	5.0	100 ppm	100 ppm	Diethylene Glycol Monobutyl ether CAS# 112-34-5	1.0	None	None	Lambda-cyhalothrin CAS# 91465-08-6	0.01	NA	2000 mg/kg (skin)	Prallethrin CAS# 23031-36-9	0.025	NE	NE	Hydrocarbon Propellant blend CAS #75-28-5/106-97-8/74-98-6	5.00	NE	NE	<p>Appearance & Odor: Narrow Jet spray and glycol ether odor.</p> <p>Boiling Point: NA</p> <p>Melting Point: NA</p> <p>Vapor Pressure: 110 psig at 54° C/130° F</p> <p>Specific Gravity: 0.993 (H₂O = 1)</p> <p>Vapor Density: Greater than 1 (Air = 1)</p> <p>Solubility in Water: Greater than 87%</p> <p>Evaporation Rate: Less than 1 (Butyl Acetate = 1)</p>
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IV Fire and Explosive Hazards Data	V Reactivity Data
<p>Flash Point: 119° F (TCC) (liquid portion)</p> <p>Flame Extension: 0-inches (Level 1 Aerosol)</p> <p>Flammable Limits: NA</p> <p>Autoignition Temperature: NA</p> <p>Fire Extinguishing Media: Water fog, Carbon dioxide, Dry chemical</p> <p>Decomposition Temperature: NA</p> <p>Special Fire-Fighting Procedures: Keep cans cool. Use equipment or shielding to protect personnel against bursting, rupturing or venting cans.</p> <p>Unusual Fire & Explosion Hazards: At elevated temperatures (over 54° C/130° F), cans may vent, rupture or burst. Also see Section V.</p>	<p>Stability: Stable</p> <p>Polymerization: Will not occur</p> <p>Conditions to Avoid: Temperatures over 130° F</p> <p>Incompatible Materials: NA</p> <p>Hazardous Decomposition or Byproducts: Carbon dioxide, carbon monoxide</p>

VI Health Hazard Data	VII Precautions for Safe Handling and Use
<p>Skin Contact: Avoid contact with skin and clothing. First Aid: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.</p> <p>Ingestion: First Aid: Immediately call a Poison Control Center or doctor. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.</p> <p>Special Notes: Have the product container with you when calling a Poison Control Center or doctor, or going for treatment.</p> <p>Health conditions Aggravated by Exposure: None known</p> <p>Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens: None</p>	<p>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.</p> <p>Waste Disposal: Do not puncture or incinerate containers. If empty: Place in trash or offer for recycling if available. If partly filled: Call local solid waste for disposal instructions.</p> <p>Handling & Storage Precautions: Do not store where temperatures can exceed 54° C/130° F.</p>

VIII Control Measures	IX Transportation Data
<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, ORM-D, Un-1950</p> <p>IMDG: UN-1950, Aerosols, 2.1</p> <p>IATA: UN-1950, Aerosols, Flammable, 2.1</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.