

Chemsico  
 Division of United Industries  
 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> Black Flag® Ant & Roach Killer  |  |   |  |
| <b>Product Type:</b> Aerosol insecticide   |  |   |  |
| <b>Product Item Number:</b> HG-11031; 11033; 11034; 11067  |  | <b>Formula Code Number:</b> 21-1286 or 21-1287 or 21-1288   |  |
| <b>EPA Registration Number</b>   | <b>Manufacturer</b>  |   | <b>Emergency Telephone Numbers</b>   |
| 9688-246   | Chemsico<br>Division of United Industries Corporation<br>8494 Chapin Industrial Drive<br>St. Louis, MO 63114 |   | <b>For Chemical Emergency:</b> 1-800-633-2873<br><b>For Information:</b> 1-800-887-3524<br><b>Prepared by:</b> C. A. Duckworth<br><b>Date Prepared:</b> September 20, 2012 |
| <b>II Hazards Ingredient/Identity Information</b>  |  | <b>III Physical and Chemical Characteristics</b>  |  |
| <b>Chemical</b>  | <b>%</b>   | <b>OSHA PEL</b>   | <b>ACGIH TLV</b>   |
| Mineral spirits<br>CAS# 8012-95-1  | 4.50   | 100 ppm   | 100 ppm  |
| Diethylene Glycol Monobutyl ether<br>CAS# 112-34-5   | 1.50   | None  | None   |
| Imiprothrin<br>CAS #72963-72-5   | 0.100  | NE  | NE   |
| Lambda-cyhalothrin<br>CAS# 91465-08-6  | 0.025  | NA  | 2000 mg/kg (skin)  |
| Hydrocarbon Propellant blend<br>CAS #75-28-5/106-97-8/74-98-6  | 4.500  | NE  | NE   |
| <b>IV Fire and Explosive Hazards Data</b>  |  | <b>V Reactivity Data</b>  |  |
| <b>Flash Point:</b> 144° F (TCC)<br><b>Flame Extension:</b> 0-inches (Level 1 Aerosol)<br><b>Flammable Limits:</b> NA<br><b>Autoignition Temperature:</b> NA<br><b>Fire Extinguishing Media:</b> Water fog, Carbon dioxide, Dry chemical<br><b>Decomposition Temperature:</b> NA<br><b>Special Fire-Fighting Procedures:</b> Keep cans cool. Use equipment or shielding to protect personnel against bursting, rupturing or venting cans.<br><b>Unusual Fire &amp; Explosion Hazards:</b> At elevated temperatures (over 54° C/130° F), cans may vent, rupture or burst. Also see Section V. |  | <b>Stability:</b> Stable<br><b>Polymerization:</b> Will not occur<br><b>Conditions to Avoid:</b> Temperatures over 130° F<br><b>Incompatible Materials:</b> NA<br><b>Hazardous Decomposition or Byproducts:</b> Carbon dioxide, carbon monoxide   |  |
| <b>VI Health Hazard Data</b>   |  | <b>VII Precautions for Safe Handling and Use</b>  |  |
| <b>Eye Contact:</b> Causes moderate eye irritation. <b>First Aid:</b> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present after the first 5 minutes then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice.<br><b>Special Notes:</b> None<br><b>Health conditions Aggravated by Exposure:</b> None known<br><b>Ingredients listed by NTP, OSHA, or IARC as Carcinogens or Potential Carcinogens:</b> None   |  | <b>Steps to be Taken in Case Material is Released or Spilled:</b><br>Avoid breathing vapors. Avoid contact with liquid. Remove ignition sources. Soak up spills with absorbent material.<br><b>Waste Disposal:</b><br>Do not puncture or incinerate! If empty: Place in trash or offer for recycling if available. If partially filled: Call your local solid waste agency for disposal instructions.<br><b>Handling &amp; Storage Precautions:</b><br>Do not store where temperatures can exceed 54° C/130° F. |  |
| <b>VIII Control Measures</b>   |  | <b>IX Transportation Data</b>   |  |
| Read and follow label directions. They are your best guide to using this product effectively, and give necessary safety precautions to protect your health.  |  | <b>DOT:</b> Consumer Commodity, ORM-D, UN-1950<br><b>IMDG:</b> UN-1950, Aerosols, 2.1<br><b>IATA:</b> UN-1950, Aerosols, Flammable, 2.1   |  |

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