

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 – Rubber gloves

# Material Safety Data Sheet

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

<b>I Trade Name:</b> Black Flag® Flying Insect Killer <sub>2</sub>			
<b>Product Type:</b> Aerosol insecticide			
<b>Product Item Number:</b> HG-11035		<b>Formula Code Number:</b> 21-1168/21-0666/01-1005	
<b>EPA Registration Number</b>	<b>Manufacturer</b>		<b>Emergency Telephone Numbers</b>
46515-48-9688	Chemsico Division of United Industries Corporation 8494 Chapin Industrial Drive St. Louis, MO 63114		For Chemical Emergency: 1-800-633-2873 For Information: 1-888-887-3524 Prepared by: C. A. Duckworth Date Prepared: June 1, 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>
Petroleum Distillate CAS# 64742-47-8	7.5	100 ppm	100 ppm
Permethrin CAS# 52645-53-1	0.15	NA	NA
D-trans allethrin CAS# 28434-00-6	0.25	NA	NA
Hydrocarbon propellant blend CAS # 75-28-5/106-97-8/74-98-6	20.0	NA	NA
<b>Appearance &amp; Odor:</b> Fan spray with clear wet film and pyrethroid odor.			
<b>Boiling Point:</b> NA			
<b>Melting Point:</b> NA			
<b>Vapor Pressure:</b> 110 psig at 54° C/130° F			
<b>Specific Gravity:</b> 0.95 (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 61%			
<b>Evaporation Rate:</b> Less than 1 (Butyl Acetate = 1)			
<b>IV Fire and Explosive Hazards Data</b>		<b>V Reactivity Data</b>	
<b>Flash Point:</b> 160° F (TCC)		<b>Stability:</b> Stable	
<b>Flame Extension:</b> 0-inches (Level 1 Aerosol)		<b>Polymerization:</b> Will not occur	
<b>Flammable Limits:</b> NA		<b>Conditions to Avoid:</b> Temperatures over 130° F	
<b>Autoignition Temperature:</b> NA		<b>Incompatible Materials:</b> NA	
<b>Fire Extinguishing Media:</b> Water fog, Carbon dioxide, Dry chemical		<b>Hazardous Decomposition or Byproducts:</b> Carbon dioxide, carbon monoxide	
<b>Decomposition Temperature:</b> NA			
<b>Special Fire-Fighting Procedures:</b> Keep cans cool. Use equipment or shielding to protect personnel against bursting, rupturing or venting cans.			
<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>VI Health Hazard Data</b>		<b>VII Precautions for Safe Handling and Use</b>	
<b>Ingestion (Swallowing):</b> Harmful if swallowed. <b>First Aid:</b> 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. <b>Eye Contact:</b> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses after the first 5 minutes then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice. <b>Skin contact:</b> Take off contaminated clothing. Rinse skin immediately with water for 15-20 minutes. Call a Poison Control Center or doctor.		<b>Steps to be Taken in Case Material is Released or Spilled:</b> Avoid breathing vapors. Avoid contact with liquid. Remove ignition sources. Soak up spills with absorbent material.	
Have the product container with you when calling a Poison Control Center or doctor or going for treatment. <b>Note to Physician:</b> Contains petroleum distillate—vomiting may cause aspiration pneumonia.		<b>Waste Disposal:</b> 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.	
		<b>Handling &amp; Storage Precautions:</b> 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.		DOT: Consumer Commodity, ORM-D, UN-1950 IMDG: UN-1950, Aerosols, 2.1 IATA: UN-1950, Aerosols, Flammable, 2.1	

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