

Conforms to Hazard Communication Standard 29 CFR 1910.1200

Section 1 - IDENTIFICATION

Product Identifier: Black Flag® Wasp, Hornet & Yellow Jacket Killer₂**Other Means of Identification:**

EPA Reg. Number 9688-324

Product Code HG-11123

Formula Number 21-1488

Recommended Use: Insecticide - Wasp & Hornet Killer**Recommended Restrictions:** Use in accordance with label directions**Manufacturer/Importer/Supplier/Distributor Information:**

Company Name Chemsico, Division of United Industries Corporation

Address PO Box 142642, St. Louis, MO 63114-0642

Telephone Number 1-800-887-3524

Emergency Telephone Number:

CHEMTREC (800)424-9300

Medical (800)887-3524

Section 2 - HAZARD(S) IDENTIFICATION

Classification of Substance or Mixture:

Physical Hazard(s)	Flammable aerosol - category 2 Gases under pressure - low pressure liquefied gas
Health Hazard(s)	Not classified as a health hazard
Environmental Hazard	Not classified as an environmental hazard

Label Elements:

Hazard Pictogram(s)



Signal Word

Warning

Hazard Statements:

Flammable aerosol

Contains gas under pressure; may explode if heated

Precautionary Statements:

Keep away from heat/sparks/open flames / hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.

Hazard(s) not Otherwise Classifies (HNOC): No additional information available**Supplemental Information:** None

Section 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Synonyms	CAS Number	%
Prallethrin	-	23031-36-9	0.02
Cypermethrin	-	52315-07-8	0.05
Distillates (petrolatum), hydrotreated light	-	64742-47-8	5.00
Solvent naphtha (petroleum), light aromatic	-	64742-95-6	0.05
Isopropyl Alcohol	-	67-63-0	2.04
Isobutane	-	75-28-5	0.08
Propane	-	74-98-6	3.42

In accordance with paragraph (d) of 1910.1200, the exact percentage (concentration) has been withheld as a trade secret. Other components are below reportable levels.

Section 4 - FIRST-AID MEASURES

Inhalation:	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
Skin Contact:	In case of contact, wash skin with plenty of water. If skin irritation or redness develops, seek medical attention.
Eye Contact:	In case of contact, flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.
Ingestion:	If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.
Most Important Symptoms/Effects, Acute and Delayed:	Symptoms of exposure may include, irritation of eyes and nose, cough and/or shortness of breath.
Indication of Immediate Medical Attention & Special Treatment Needed:	Immediate medical attention should not be required.

Section 5 - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Treat for surrounding material.
Unsuitable Extinguishing Media:	None known.
Specific Hazards Arising from the Chemical:	Products of combustion may include, and are not limited to: oxides of carbon.
Special Protective Equipment and Precautions for Firefighters:	Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respirator protection (SCBA).

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
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Methods and Materials for Containment and Cleaning Up:

Contain and/or absorb spill with inert material. Then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate personal protective equipment (PPE). Scoop up material and place in a disposable container.

Environmental Precautions:

Report spills as required by local and national regulations. Prevent entry into storm sewers and waterways.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling:

Avoid breathing mist. Avoid contact with skin and eyes. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke.

Conditions for Safe Storage, Including any Incompatibilities:

Keep out of reach of children. Keep container tightly closed. (See section 10). Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Keep away from heat, sparks, open flames or hot surfaces. Store in a well-ventilated place.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

Chemical Name	Exposure Limits					
	OSHA PEL		ACGIH TLV		Supplier OEL	
	ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Isobutane	-	-	STEL 1000	-	NIOSH REL TWA 800	NIOSH REL TWA 1900
Propane	TWA 1000	TWA 1800	TWA 1000	-	NIOSH REL TWA 1000	NIOSH REL TWA 1800
Prallethrin	-	-	-	-	-	-
Cypermethrin	-	-	-	-	-	TWA 0.5
Isopropyl alcohol	TWA 400	TWA 980	TWA 200 STEL 400	-	-	-
Distillates (petroleum), hydrotreated light	-	TWA 5	-	TWA 5 STEL 10 TWA 200 (as total hydrocarbon vapor), 8hrs	TWA 100	TWA 525
Light aromatic naphtha	TWA 500	TWA 2000	-	200 (as total hydrocarbon vapor)	-	-

Appropriate Engineering Controls:

Wear appropriate respirator or use adequate ventilation where situations arise that the exposure limits are exceeded.

Individual Protective Measures, Such as Personal Protective Equipment:

Eye/face protection:	None required under normal use conditions.
Skin and body protection:	None required under normal use conditions.
Respiratory protection:	None required under normal use conditions.
General hygiene considerations:	Do not eat, drink or smoke where material is handled, processed or stored. Wash hands after handling.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state,	Clear to slight hazy yellow liquid
Odor:	Aliphatic solvent
Odor Threshold:	No data available
pH:	7.41
Melting / Freezing Point:	No data available
Initial boiling point and range:	No data available
Flashpoint:	No data available
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	0.804
Solubility(ies):	No data available
Partition coefficient (n-octanol/water):	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available

Section 10 - STABILITY AND REACTIVITY

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical stability:	Stable under normal storage conditions.
Possibility of hazardous reactions:	No dangerous reaction known under conditions of normal use.
Conditions to avoid:	Heat. Incompatible materials.
Incompatible materials:	None known.
Hazardous decomposition products:	May include, and are not limited to oxides of carbon.

Section 11 - TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure: Inhalation, Ingestion and/or skin or eye contact

Symptoms related to the physical, chemical and toxicological characteristics:

Inhalation: May cause respiratory tract irritation.
 Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.
 Skin contact: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
 Eye contact: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness

Acute Toxicity Values:

Calculated overall Chemical Acute Toxicity Values (ATE)		
LD50 (Oral)	LD50 (Dermal)	LC50 (inhalation)
>2000 mg/kg	>2000 mg/kg	>5mg/l

Eye Contact: Based on available data, the classification criteria are not met.

Skin Contact: Based on available data, the classification criteria are not met.

Sensitization: Based on available data, the classification criteria are not met.

Chronic Effects-

Carcinogenicity:

Ingredient	Chemical Listed as a Carcinogen
None of the ingredients present in this product at or above 0.1% are listed as potential carcinogens on the NTP, IARC or OSHA lists.	

Reproductive Toxicity: Based on available data, the classification criteria are not met.

Germ Cell Mutagenicity: Based on available data, the classification criteria are not met.

STOT-single exposure: Based on available data, the classification criteria are not met.

STOT-repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Comment: Information was generated using a combination of cited EPA toxicity data and the GHS classification criteria for mixtures

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No data available

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

Other adverse effects: No data available

Section 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with all local, state, provincial and federal regulations. For more information see product label.

Section 14 - TRANSPORTATION INFORMATION

DOT:	UN-1950, Aerosols, Flammable, 2.1, Limited Quantity
IATA:	UN-1950, Aerosols, Flammable, 2.1
IMDG:	UN-1950, Aerosols, Flammable, 2.1, Limited Quantity

Section 15 - REGULATORY INFORMATION

FIFRA Labeling: This chemical is a pesticide product registered by the Environmental Protection Agency and it subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

Signal Word: **CAUTION**

Precautionary Statements: **Hazards to Humans and Domestic Animals**
CAUTION. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.

Environmental Hazards
This product is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash waters.

This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are foraging the treatment area.

Physical and Chemical Hazards
Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

EPA TSCA Inventory: All of the components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

Disclaimer:

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

Section 16 - OTHER INFORMATION

Issue date: May 7, 2018

Revision date: May 7, 2018

Version number: Initial