



## Yellow Jacket, Wasp & Hornet Killer

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Yellow Jacket, Wasp & Hornet Killer  
**Product Code(s):** HFW, HFW-16  
**Other means of Identification:** EPA Reg. No. 1021-1780-3  
**Recommended Use:** Pesticide/Insecticide - Aerosol

**Manufacturer/Marketer:**

P.F. Harris Manufacturing Company, LLC  
P.O. Box 1922  
Cartersville, GA 30120  
Email: [info@pfharris.com](mailto:info@pfharris.com)  
[www.pfharris.com](http://www.pfharris.com)

Customer Service: 1-800-637-0317  
Monday-Friday, 9am – 5pm EST

**Emergency:**

National Poison Control: 1-800-222-1222  
24 hour Emergency Telephone: 1-800-255-3924

### SECTION 2. HAZARDS IDENTIFICATION

**OSHA Regulatory Status:**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**HAZARDS CLASSIFICATION:**

Acute toxicity – Inhalation (Dusts/Mists) - Category 3  
Skin corrosion/irritation – Category 2  
Gases under pressure – compressed gas  
Flammable aerosol – Category 2

**SIGNAL WORD: DANGER**

**GHS HAZARD PICTOGRAMS:**



**Hazard Statements:** Toxic if inhaled. Causes skin irritation. Contains gas under pressure; may explode if heated. Flammable aerosol. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

**Acute/Potential Health Effects:**

**EYES:** May cause eye irritation with direct contact.

**SKIN:** Causes skin irritation. May be harmful if absorbed through skin.

**INHALATION:** Inhalation of mists or vapors may cause irritation to upper respiratory tract and mucous membranes.

**INGESTION:** Harmful if swallowed.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Chemical Name	CAS Number	WT %
Tetramethrin	7696-12-0	0.20
d-Phenothrin	26002-80-2	0.20
Propane	74-98-6	1-10
Isobutane	75-28-5	1-10
Water	7732-18-5	80-90

\*the exact percentage (concentration) has been withheld as a trade secret

The remaining components of this product are non-hazardous or are in small enough quantities as to not to meet thresholds for disclosure. These components contain no substances or impurities which influence the classification of this product.

### SECTION 4. FIRST AID MEASURES

**EYES:** 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.

**SKIN:** 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.

**INHALATION:** Remove affected person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**INGESTION:** If swallowed, IMMEDIATELY call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or a doctor. Never give anything by mouth to an unconscious person.

**NOTE TO PHYSICIANS:** For skin effects, a highly therapeutic agent for Pyrethrin/Pyrethroid exposure is topical application of tocopherol acetate (Vitamin E).

### SECTION 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Remove all sources of ignition. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Unsuitable extinguishing media: Caution: Use of water spray when fighting fire may be inefficient.

**SPECIFIC HAZARDS:** Closed containers may explode due to buildup of pressure when exposed to extreme heat. Products of combustion include compounds of carbon and oxygen (CO<sub>2</sub>), including carbon monoxide (CO).

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required. Prevent product from entering drains.

## SECTION 7. HANDLING AND STORAGE

**HANDLING:** Use this product only in a manner consistent with its labeling. Ensure adequate ventilation, especially in confined areas. Keep away from heat, sparks, flame and other sources of ignition. Take precautionary measures against static discharges. Use spark-proof tools and explosion proof equipment. All equipment used when handling the product must be grounded. Do not apply around electrical equipment. Use with local exhaust ventilation. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can.

**STORAGE:** Keep container closed in a dry and cool place. Do not expose to temperature exceeding 130°F. Keep in properly labeled containers.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES	EXPOSURE LIMITS					
	OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Propane	TWA: 1000ppm					
Isobutane	800	1900				

**ENGINEERING CONTROLS:** Safety showers. Eyewash Stations. Ventilation Systems.

**Eye Protection:** Recommended: Safety goggles

**Skin Protection:** Wear protective gloves and protective clothing.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protections must be provided in accordance with current local regulations.

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid - Aerosol

**Appearance and Odor:** Milky-white, characteristic/solvent odor

**pH:** 7.0 – 8.0 (on non-volatiles)

**Freezing Point:** N/A

**Boiling Point:** N/A

**Flash Point:**

>200°F (93.3°C)

**Evaporation Rate (water=1):** N/A

**Upper/Lower Explosive limits:** N/A

**Vapor Pressure:** N/A

**Vapor Density (air=1) (20°C):** N/A

**Specific Gravity (Water=1):** N/A

**Solubility:** partially miscible in water

**Viscosity:** 5.42 cPs @ 22°C (liquid fill – non-volatiles)

**VOC Content:** 10.0%

**SECTION 10. STABILITY AND REACTIVITY**

**Chemical Stability:** Stable under recommended storage conditions.

**Conditions to Avoid:** Extreme heat, sources of ignition (heat, flames and sparks)

**Hazardous Decomposition Products:** carbon oxides, (CO, CO<sub>2</sub>)

**Incompatible Materials:** strong acids, bases and oxidizing agents

**SECTION 11. TOXICOLOGICAL INFORMATION****Toxicological Data:**

Oral LD50 (rat) : >5,000 mg/Kg

Dermal LD50 (rabbit) : >2,000mg/Kg

Inhalation LC50: >0.6 mg/L, but <2.02 mg/L (rat; 4 hours)

Eye contact: Irritation clearing in 24 hrs (rabbit)

Skin contact: Moderate irritation at 72 hrs (rabbit) Index: 2.9

Sensitization: Negative (guinea pig)

**Carcinogenicity:** None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

**SECTION 12. ECOLOGICAL INFORMATION**

This product is toxic to fish and other aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Bioaccumulation: d-Phenothrin (26002-80-2): Partition coefficient; n-octanol/Water: 6.8

**SECTION 13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

**SECTION 14. TRANSPORT INFORMATION**

	DOT Classification	TDG Classification	IMDG	IATA
UN Number	UN1950	UN1950	UN1950	UN1950
UN Proper Shipping Name	Aerosols, non-flammable	Aerosols, non-flammable	Aerosols, non-flammable	Aerosols, non-flammable
Transport Hazard Class	2.2	2.2	2.2	2.2
Packing Group	-	-	-	-
Environmental Hazards	Toxic to fish and other invertebrates	-	Toxic to fish and other invertebrates	-
Additional Information	-	-	-	-

## SECTION 15. REGULATORY INFORMATION

### US Federal Regulations:

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** The ingredients of this product are listed or exempted from listing because of Low Volume Exemption has been granted in accordance with 40 CFR 723.50

**SARA 302/304 EMERGENCY PLANNING EMERGENCY PLAN:** There are no SARA Title III Section 302 extremely hazardous substances present in this formulation (40 CFR 355).

**SARA 311/312:** Acute Health: [ ] Chronic: [x] Fire: [ ] Sudden Release of Pressure: [ ] Reactive: [ ]

**SARA 313 (Specific Toxic chemical listings):** None

**State and Local Regulations:** Certain states maintain their own ingredient lists which differ slightly from the Federal standards. If indicated under Section 2 of this SDS, states listed below may have regulations on ingredients contained in this product. Check with your state for additional regulations.

**CA Proposition 65 (Safe Drinking Water & Toxic Enforcement Act of 1986):** This product does not contain any Proposition 65 chemicals.

## SECTION 16. OTHER INFORMATION

**Date of issue/revision:** 08/07/2018

**Version:** 1.2

**Date of previous issue:** 12/06/2016

This chemical is a pesticide product registered by the Environmental Protection Agency and is 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 labels of non-pesticide chemicals.

**Notice to reader:** This SDS is intended to quickly provide useful information to the user(s) of this material or product. It is not intended to serve as a comprehensive discussion of all possible risks or hazards, and it assumes a reasonable use of the product. The information contained in this SDS is believed to be accurate as of the date of preparation of this SDS and has been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. The user or handler (or their employer) should consider the specific conditions in which this material will be used, handles or stored and determine what specific safety or other precautions are required. Employers should ensure that their employees, agents, contractor and customers who will use this product receive adequate warnings and safe handling procedures, including a current SDS. Product users or handlers (or their employer) who are unsure what specific precautions are required should consult their employer, product supplier, or safety or health professionals before handling or working with this product. Please notify us immediately if you believe this SDS or other safety and health information about this product is inaccurate or incomplete.