



14-Day Fly Spray

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Happy Horse 14-Day Fly Spray
Product Code(s): HHAPPY-32, HHAPPY-128
Other means of Identification: EPA Reg. No. 53883-150-3
Recommended Use: Pesticide/Insecticide

Manufacturer/Marketer: P.F. Harris Manufacturing Company, LLC P.O. Box 1922 Cartersville, GA 30120 Email: info@pfharris.com 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
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SECTION 2. HAZARDS IDENTIFICATION

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

HAZARDS CLASSIFICATION:
Serious Eye damage/Eye Irritation – Category 2A
Specific Target Organ Toxicity – Single Exposure – Cat 3
Flammable Liquids – Cat 3

SIGNAL WORD: WARNING
GHS HAZARD PICTOGRAMS:



Hazard Statements: Causes serious eye irritation. May cause drowsiness or dizziness. Flammable liquid and vapor.
Precautionary Statements: Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing vapors or mists. Use only outdoors or in a well-ventilated area. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Take precautionary measure against static discharge. Wear protective gloves/eye protection/face protection. Do not get in eyes, on skin, or on clothing. Store in a well ventilated place.

Acute/Potential Health Effects:
EYES: Causes eye irritation.
SKIN: Causes mild skin irritation. Prolonged or repeated skin contact may cause drying, cracking, or irritation.
INHALATION: Overexposure by inhalation of mists or vapors may cause irritation to upper respiratory tract and mucous membranes.
INGESTION: May be irritating to the digestive tract: may cause gastric distress.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Chemical Name	CAS Number	WT %
Cypermethrin	52315-07-8	1.0
Isopropyl Alcohol, 2-Propanol	67-63-0	18-22

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: If irritation develops, rinse skin with plenty of water and wash clothing before reuse. Get medical attention if irritation persists.

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: 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. Get medical attention.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use any means suitable for extinguishing surrounding fire.

SPECIFIC HAZARDS: FLAMMABLE LIQUID AND VAPOR. Closed containers may explode due to buildup of pressure when exposed to extreme heat. Products of combustion include compounds of carbon and oxygen, including carbon monoxide. Vapors may travel or move by air currents to an ignition source and flash back. Thermal decomposition may produce toxic carbon and nitrogen oxides and hydrogen chloride.

SPECIAL PROTECTIVE EQUIPMENT: Safety glasses, gloves.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Use appropriate personal protective equipment. Isolate the spill area. Keep unnecessary and unprotected personnel from entering area. Keep away from heat, sparks, flame and other sources of ignition. Absorb small spills with sand, vermiculite or other inert absorbent. Dike large spills using absorbent or impervious material such as clay or sand. Recover and contain as much free liquid as possible for reuse. Allow absorbed material to solidify and scrape up for disposal. Place contaminated material in appropriate container for disposal. After removal, flush contaminated area thoroughly with water. Pick up wash liquid with additional absorbent and place in a disposable container. Do not put spilled material back in the original container.

SECTION 7. HANDLING AND STORAGE

HANDLING: Use this product only in a manner consistent with its labeling. For external use only. For horses only. Avoid contact with eyes. Use with adequate ventilation. Avoid breathing vapors or mists. Do not contaminate water, food or feedstuffs by storage, handling, or disposal. Use personal protective equipment as required. When using do not eat, drink or smoke. 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. Use with local exhaust ventilation.

STORAGE: See pesticide label for full information on product storage. Do not contaminate water, food or feed by storage of this product. Store away from sources of heat, out of direct sunlight and away from incompatible materials. Pesticides should be stored in secured areas away from children and animals.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES	EXPOSURE LIMITS					
	OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name	ppm	mg/m3	ppm	mg/m3	ppm	mg/m3
Isopropyl Alcohol, 2-Propanol	400		400			

ENGINEERING CONTROLS: No special controls indicated.

Eye Protection: Recommended: Safety glasses or goggles

Skin Protection: Recommended: Gloves

Respiratory Protection: Use with adequate ventilation.

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

Appearance and Odor: Clear, mild alcohol/citronella odor

pH: N/A

Flash Point:

82.4°F (28°C)

Flammability: Flammable Liquid and Vapor

Specific Gravity (Water=1): 0.976

Solubility: Miscible in water

VOC: 20%

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

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

Hazardous Decomposition Products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Incompatible Materials: strong oxidizers, strong acids

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicological Data:

Oral LD50: >5000 mg/kg (estimated based on component data)

Dermal LD50: >5000 mg/kg (estimated based on component data)

Inhalation LC50: 5.0 mg/L (4 hour) (estimated based on component data)

Sensitization: This material is not expected to cause sensitization.

Acute effects: May cause serious but temporary eye irritation.

Chronic effects: No data available

Reproductive Toxicity: Cypermethrin caused reproduction toxicity in a two-generation study in rats only at dose levels also toxic to the parent animals. The reproduction toxicity seen with Cypermethrin is related to parental toxicity.

Neurotoxicity: Cypermethrin caused neurobehavioral effects and/or neuropathological changes in animal studies.

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**Environmental Hazards Statement from FIFRA Regulated Pesticide Label:**

This pesticide is extremely toxic to fish and aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This product 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.

Environmental Effects; Persistence/Degradation: No further relevant information available

Soil Mobility: No further relevant information available

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.

RCRA Waste code(s): Not applicable

SECTION 14. TRANSPORT INFORMATION

	DOT Classification	TDG Classification	IMDG	IATA
UN Number	UN1993	UN1993	UN1993	UN1993
UN Proper Shipping Name	Flammable Liquids, n.o.s. (Isopropanol)	Flammable Liquids, n.o.s. (Isopropanol)	Flammable Liquids, n.o.s. (Isopropanol)	Flammable Liquids, n.o.s. (Isopropanol)
Transport Hazard Class	3	3	3	3
Packing Group	III	III	III	III
Environmental Hazards	Toxic to fish and other invertebrates	Toxic to fish and other invertebrates	Marine Pollutant	Marine Pollutant
Additional Information	*Shipped as ORM-D, LIMITED QUANTITY in non-bulk	*Shipped as ORM-D, LIMITED QUANTITY in non-bulk	-	-

*When packaged in quantities of ≤1.3 gallons, this product qualifies for Limited Quantity exceptions per 49 CFR 173.150.

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: [x] Chronic: [] Fire: [x] Sudden Release of Pressure: [] Reactive: []

SARA 313 (Specific Toxic chemical listings):

Chemical name	CAS Number	Weight %
Isopropyl Alcohol	67-63-0	18-22%

State and Local Regulations: Certain states maintain their own ingredient lists which differ slightly from the Federal standards. Check with your state for additional regulations.

Chemical name	CAS Number	Weight %
Cypermethrin	52315-07-8	1.0%

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: 05/07/2019

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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.

Revision Note: Sections 2, 5, 6, 9,14,15 updated due to new flash point information