



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 8, 2024

Sharon M. Johnston  
Regulatory Consultant  
Pyranha, Inc.  
6602 Cunningham Road  
Houston, TX 77041

Subject: Registration Review Label Mitigation for Permethrin  
Product Name: Pyranha Space Spray 1-10 HP Concentrate  
EPA Registration Number: 21165-32  
Application Date: 2/9/2021  
Decision Number: 570693

Dear Sharon M. Johnston:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Permethrin Interim Decision and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

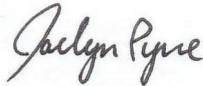
A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently

Page 2 of 2  
EPA Reg. No. 21165-32  
Decision No. 570693

approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Carolyn Smith by phone at (202) 566-2273, or via email at [smith.carolyn@epa.gov](mailto:smith.carolyn@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Jaclyn Pyne". The signature is written in a cursive style with a large initial "J".

Jaclyn Pyne, Team Leader  
Risk Management and Implementation Branch 3  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

Enclosure

EPA Reg. No. 21165-32  
February 9, 2021  
Permethrin ID Amendment

MASTER LABEL

# Pyranha

## Space Spray 1-10 HP Concentrate

{Alternate Brand Names: Pyranha D.O.A  
Pyranha D.O.A. Concentrate}

[by  
Pyranha  
"Your Trusted Leader in Insect Control"]

For Both Indoor & Outdoor Use

[55 {watermark on front panel}]

[For 55 Gallon Spray Systems]

***Effectively Kills & Repels: House flies, Stable flies, Horse flies,  
Fruit flies, Black flies, Deer flies, Horn flies, Mosquitoes, Gnats,  
Biting and Non-biting Midges, Bot flies, Face flies and fleas.***

***Quick Knockdown and Effective Control.***

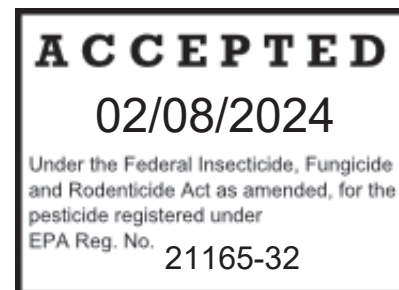
**ACTIVE INGREDIENTS:**

Pyrethrins ..... 0.55%  
Piperonyl Butoxide\* ..... 5.50%  
Permethrin† ..... 1.10%

**OTHER INGREDIENTS:**..... 92.85%

**TOTAL:** ..... 100.00%

\* (butylcarbityl)(6-propylpiperonyl) ether and related compounds  
† cis/trans ratio: Max. 65% (+/-) trans and min. 35% (+/-) cis



**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**See Back/Side Label Panel for Additional Precautionary Statements**

**Net Contents \_\_\_\_\_**

<b>FIRST AID</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-231-2966 for emergency medical treatment information.	
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>· Call a poison control center or doctor immediately for treatment advice.</li> <li>· Have person sip a glass of water if able to swallow.</li> <li>· Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>· Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>· Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>· Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>· Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>· Take off contaminated clothing.</li> <li>· Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>· Call a poison control center or doctor for treatment advice.</li> </ul>

***[Effectively Kills & Repels: House flies, Stable flies, Horse flies, Fruit flies, Black flies, Deer flies, Horn flies, Mosquitoes, Gnats, Biting and Non-biting Midges, Bott flies, Face flies and fleas]***

***[Quick Knockdown and Effective Control]***

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed. Causes moderate eye and skin irritation. Avoid contact with skin, eyes or clothing.

**Personal Protective Equipment (PPE)**

Mixers, loaders, applicators, and other handlers must wear:

- long-sleeve shirt and long pants
- shoes plus socks
- chemical resistant gloves made of barrier laminate, viton, neoprene rubber or nitrile rubber,
- chemical-resistant apron for mixers, loaders, persons cleaning equipment and persons exposed to the concentrate.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

## USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic organisms, including fish and 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 actively visiting the treatment area.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

### Use Restrictions

- Apply this product only as specified on this label.
- **Entry Restrictions:**  
For surface spray use, do not enter or allow others to enter until sprays have dried.  
For space spray use, except when applying the product with an outdoor residential misting system, do not enter or allow others to enter until vapors, mists and aerosols have dispersed and the treated area has been thoroughly ventilated.
- **Application Restrictions:**  
Do not apply using a high pressure hand-wand, hand held fogger or fog/mist generator in indoor spaces.  
Except when applying the product with an outdoor residential misting system, do not apply this product in a way that will contact workers or other persons either directly or through drift. Only protected handlers may be in the area during application.  
When applying as a space spray indoors, do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors and/or mists have dispersed.  
When used in dairy barns or facilities: Close milk bulk lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.  
When using outdoors, do not make applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours). Rainfall within 24 hours after application may cause unintended runoff of pesticide application.  
Do not apply or irrigate to the point of runoff or drip.  
Do not apply when the wind speed is greater than 15 mpg.  
Treat surfaces to ensure thorough coverage but avoid runoff.  
To treat insects harbored in voids and cracks-and-crevices, applications must be made in such a manner to limit dripping and avoid runoff onto untreated structural surfaces and

plants.

Remove or cover exposed food and drinking water before application.

Remove or cover dishes, utensils, food processing equipment and food preparation surfaces or wash them before use.

Do not water the treated area to the point of run-off.

Not for broadcast use on indoor residential surfaces.

Not for use in metered release systems.

Do not spray the product into fish pools, ponds, streams, or lakes. Do not apply directly into sewers or storm drains or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies or aquatic habitat can occur. Do not allow to enter indoor or outdoor drains. *No permita la entrada a desagües internos o externos.*



**For Residential outdoor surface and space sprays, except for outdoor fogging/misting devices:**

Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.

For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.

All outdoor spray applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

- Application to pervious surfaces such as soil, lawn, turf, and other vegetation.

Spot treatments must not exceed two square feet in size (e.g., 2 ft. by 1 ft. or 4 ft. x 0.5 ft.).

**Dilution/Use Rate ([Indoor Space] [and] [or] [Outdoor Sprays]):** Dilute before using. Add 1 part of this product to 21 parts of clean water (6.1 ounces of product per gallon of water). For maintenance, add 1 part product to 43 parts clean water (3.0 ounces of product per gallon of water). Mix thoroughly prior to application.

**INDOOR SPACE SPRAYS -**

**Where to Use:** Use as an indoor space spray in horse barns, dog kennels and zoo animal quarters to kill and repel listed insects.

**Directions for use in commercial animal premise automatic misting systems:**

Apply as a space spray using an automatic spray system. Refer to the system user manual for specific instructions. Adjust spray nozzles to deliver a fine mist or fog to entire treatment area at a maximum rate of 1.5 fluid ounce diluted product per 1000 cubic feet of area.

When using this product, installers and service technicians must comply with the license, certification or registration requirements of the state(s), tribe(s) or local authority(ies) where they are installed.

When applying via a remote activation device, do not apply when people and pets are present. If possible, when applying via automatic timer, set the timing for application when people and pets are unlikely to be present.

Direct nozzles to spray towards the target area and away from areas where people are typically

present.

Do not use in an evaporative cooling system.

Do not use in misters located within 3 feet of air vents, air conditioner units or windows.

If used in a system with a reservoir tank for the end use dilution, the system reservoir tank must be locked. Securely attach the end use pesticide label and a dilution statement to the system reservoir tank in a weather protected area or plastic sleeve. The dilution statement must be phrased as follows: this container holds \_\_\_ parts Pyranha Space Spray 1-10 HP Concentrate to \_\_\_ parts water.

If used in a direct injection system, the pesticide container must be locked. Securely attach the end use label to the pesticide container in a weather protected area or plastic sleeve.

This product must only be used in systems that have been calibrated to apply no more than the maximum application rate of 0.000476 lbs pyrethrins and 0.008 lbs piperonyl butoxide per 1000 cu. ft. per day. This is equivalent to 29 ounces of diluted product per 1000 cubic feet per day.

## **OUTDOOR SPRAYS –**

**Where to Use:** Use as an outdoor area spray for temporary reduction of listed insects on and around homes, patios, tennis courts, pool areas, beach houses and lawn areas.

### **Directions For Use in Outdoor Residential Misting Systems:**

[NOTE: Not registered for use in Residential Automatic Mosquito Misting Systems in the State of New York.]

Apply as an area spray using an automatic spray system. Adjust nozzles to deliver a fine mist to the entire treatment area at a maximum rate of 1.5 ounces diluted product per 1,000 cubic feet of area.

When using this product, installers and service technicians must comply with the license, certification, or registration requirements of the state(s), tribe(s), or local authority(ies) where they are installed.

If the system works on an automatic timer, set the timing for application when people, pets and food are unlikely to be present.

If the system works when a person operates a remote activation device, then application of this pesticide when people, pets and food are present is prohibited.

Do not use in an evaporative cooling system.

Direct nozzles to spray towards the target area and away from swimming pools, water bodies or eating and cooking areas.

Do not set nozzles to direct mist near outside air conditioning systems or other home air intakes.

If used in a system with a reservoir tank for the end use dilution, the system reservoir tank must be locked. Securely attach the end use pesticide label and a dilution statement to the system reservoir tank in a weather protected area or plastic sleeve. The dilution statement must be phrased as follows: this container holds \_\_\_ parts Pyranha Space Spray 1-10 HP Concentrate to

\_\_\_ parts water.

If used in a direct injection system, the pesticide container must be locked. Securely attach the end use label to the pesticide container in a weather protected area or plastic sleeve.

Contact the system manufacturer for guidance or assistance to ensure compliance with the following requirement:

This product must only be used in systems that have been calibrated to apply no more than the maximum application rate of 0.00011 lbs pyrethins, 0.00058 lbs piperonyl butoxide and 0.25 grams of Permethrin per 1000 cubic feet per day. This represents 3.6 ounces of diluted product per 1000 cubic feet per day.

#### **Directions For Use With Handheld Sprayers:**

When used in handheld sprayers, apply the diluted product (1 part concentrate to 21 parts water) at a rate of 6 to 12 fl. oz. per 1,000 sq. ft. of area. Use only equipment that produces coarse, non-ULV sprays for residual treatment of vegetation or other pervious surfaces.

#### **STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**Storage:** Keep in a cool, dry area preferably locked and away from children and pets. Do not store below 32°F (0°C). In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

**Pesticide Disposal:** Do not pour or dispose down-the-drain or sewer. Call your local solid waste agency for local disposal options. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Non-refillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available, or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill or by other procedures as approved by state and local authorities.

MANUFACTURED EXCLUSIVELY FOR  
PYRANHA, INC.  
6602 Cunningham Road  
Houston, TX 77041  
832-467-3840                      800-231-2966

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EPA Est. No.

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