



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Biopesticides and Pollution Prevention Division (7511P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

97680-4

Date of Issuance:

2/22/2022

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Pertinent Fly Solution  
IGR 0.4% Formulating Concentrate

Name and Address of Registrant (include ZIP Code):

Pertinent Animal Health, Inc.  
1062 Bluffhaven Way NE  
Brookhaven, Georgia 30319

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA Registration Number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under the Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.
2. Submit storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) data as these data requirements are not satisfied. A one-year study is required to satisfy these data requirements. You have 18 months from the date of this registration to provide these data to the EPA.

Signature of Approving Official:

Andrew Bryceland, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution Prevention Division (7511P)  
Office of Pesticide Programs

Date:

2/22/2022

3. Make the following labeling change before you release this product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 97680-4.”
4. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the 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 EPA 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.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 9/20/2021

Any CSFs other than the one listed above are superseded.

If you have any questions, please contact Cheryl Greene via email at [green.cheryl@epa.gov](mailto:green.cheryl@epa.gov).

Sincerely,



Andrew Bryceland, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs



# PERTINENT™

animal health

## Pertinent Fly Solution IGR 0.4% Formulating Concentrate

**Not for use in liquid feed**  
**Not for use in medicated feed**

**ACCEPTED**  
Feb 22, 2022  
Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 97680-4

To prevent the breeding of horn flies in the manure of treated [Dairy or Beef] Cattle.

A pesticidally active feed concentrate for cattle containing S-Methoprene insect growth regulator for continuous feeding during the fly season.  
[Ideal package size to treat 50 lbs. of loose mineral]

<b>ACTIVE INGREDIENT:</b> S-Methoprene (CAS Number 65733-16-6) .....	0.4%
<b>OTHER INGREDIENTS:</b> .....	<u>99.6%</u>
<b>TOTAL:</b> .....	100.0%

\*Plant protein products, dried grains with solubles, processed grain by-products, mineral oil, cane molasses, grain products, roughage products, calcium carbonate

Use this product only as specified on the back of the bag

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

EPA REG. NO. 97680-XXX  
EPA Est. No.: XXXXXX-XX-XX

Net weight: 1 to 50 lbs.  
Lot Number:

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

**CAUTION:** Causes moderate eye irritation. Harmful if absorbed through skin, swallowed, or inhaled. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling.

<b>FIRST AID</b>	
<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></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></ul>
Have the product container or label with you when calling a poison control center, or doctor, or going for treatment. You may also contact the National Poison Control Center at 1-800-222-1222 24 hrs./day, 7 days/week for emergency medical treatment information.	

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean highwater mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

**GENERAL INFORMATION**

This pesticide product is to be used as a cattle feed-through pesticide for the control of horn flies. All feed ingredients listed on this product label must adhere to the specifications and limits (if applicable) ascribed by the Food and Drug Administration (FDA) for cattle feed use when mixed with this pesticide product.

**DIRECTIONS FOR USE:**

It is a violation of Federal Law to use this product in a manner not consistent with its labeling.

Pertinent Fly Solution IGR 0.4% Concentrate is a concentrated end-use product that is for use in cattle feeds to prevent breeding of horn flies in the manure of treated cattle. This product is to be used in the spring before the appearance of horn flies on cattle. When using this product, continue feeding cattle until the cold weather decreases the activity of horn flies. Introducing the product when high numbers of adult horn flies are present will require the use of adulticide dusts or sprays.

The dosage of Pertinent Fly Solution IGR 0.4% Concentrate is proportionate to body weight in cattle. The application rate for use of this product is 0.2 oz. (0.0125 lb.) to 0.4 oz. (0.025 lb.) per 100 lbs. of body weight every 30 days. Feed by one of the following methods:

### MIX WITH NON-MEDICATED FREE-CHOICE-FED MINERALS

Mix Pertinent Fly Solution IGR 0.4% Concentrate with free-choice-fed minerals to produce a mixture containing 0.01% to 0.02% active ingredient (S-methoprene) as shown in the next table.

	Quantity Product (lbs.)	Final Concentration
0.01% or 4 oz. per day Feeding Rate Pertinent Fly Solution IGR 0.4% Concentrate	1.25	2.44%
Free-Choice Minerals	50	97.56%
Total	51.25	100.00%

	Quantity Product (lbs.)	Final Concentration
0.01% or 4 oz. per day Feeding Rate Pertinent Fly Solution IGR 0.4% Concentrate	5	2.44%
Free-Choice Minerals	200	97.56%
Total	205	100.00%

	Quantity Product (lbs.)	Final Concentration
0.02% or 4 oz. per day Feeding Rate Pertinent Fly Solution IGR 0.4% Concentrate	5	4.76%
Free-Choice Minerals	100	95.24%
Total	105	100.00%

Place the mixture of Pertinent Fly Solution IGR 0.4% Concentrate and minerals near the watering or loafing grounds and supply one feeder for each 15 to 20 head of cattle. Put out only a 5-to-7-day amount of the mixture at once and cover from rain.

When the prescribed mixture of Pertinent Fly Solution IGR 0.4% Concentrate and minerals is consumed at a rate of 0.2 oz. or 0.4 oz. per 100 lbs. of cow body weight per day, which is equal to 2 oz. or 4 oz. for a 1,000 lbs. cow per day, this rate will produce the daily median intake of 1.13 mgs of S-methoprene per 100 lbs. of cattle body weight per day.

### MIXED-RATION FEEDING

Fully mix Pertinent Fly Solution IGR 0.4% Concentrate with grain or supplements. The following table provides the daily intake of 1.13 mg of S-methoprene per 100 lbs. of cattle body weight per day. Use as a guide for determining the proper mixing rate:

<b>BODY WEIGHT (lbs.)</b>	<b>FEED RATE (lbs./head/day)</b>	<b>PERTINENT FLY SOLUTION IGR 0.4% CONCENTRATE (oz./ton)</b>
150	5.0	6.0
200	5.0	8.0
250	5.0	10.0
300	5.0	12.0
300	7.5	8.0
475	5.0	19.0
700	5.0	28.0
925	5.0	37.0
1100	5.0	44.0
1300	15.0	17.5
1300	20.0	13.0
1300	25.0	10.5
1300	30.0	8.5
1300	35.0	7.3
1300	40.0	6.5
1300	45.0	6.0
1300	50.0	5.2
1400	20.0	14.0
1400	25.0	11.3
1400	30.0	9.1
1500	25.0	12.2
1500	30.0	9.8
1500	35.0	8.5

**STORAGE AND DISPOSAL:**

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

**STORAGE:** Store in a dry area. Do not contaminate with pesticides or fertilizer.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not use or refill this container. Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into mixing equipment. Then offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

[For more information on this product, call [(919) 676-8644][Subregistrant's phone number]]

[In an emergency, call the National Poison Control Center at 1-800-222-1222, 24 hrs./day, 7 days/week.]

[Manufactured For]

Pertinent Animal Health

1062 Bluffhaven Way NE

Brookhaven, Georgia 30319

United States

PertinentAH.com

EPA REG. NO. 96780-XXX

EPA Est. No.: XXXXXX-XX-XX