Justify® 0.67% Diflubenzuron Larvicide Premix

An insect growth regulator end-use product for control of horn flies, stable flies, house flies and face flies in the manure of treated cattle. Prevents the development and emergence of horn flies, stable flies, house flies and face flies in the manure of treated cattle (excluding and non-lactating beef and dairy cattle, sheep, swine and equines), including with resistance to control agents.

BREAKS THE LIFE CYCLE OF THE LISTED INSECTS FROM HORSE, STABLE FLIES, HOUSE FLIES, HOUSE FLIES, HOUSE FLY AND FACE FLY IN THE MANURE OF TREATED CATTLE AND CALVES.

DIRECTIONS FOR USE

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

There is no withdrawal period for Justify® 0.67% Diflubenzuron Larvicide Premix. Metabolites of Justify® 0.67% Diflubenzuron Larvicide Premix are degraded in the rumen of ruminants or the body tissues of non-ruminants and are not expected to exceed levels in matrices or tissues of treated animals that are consistent with the product's intended use.

The mixture of diflubenzuron and acetamiprid in the formulation of Justify® 0.67% Diflubenzuron Larvicide Premix may cause adverse effects on bees, birds, fish and other aquatic animals, and wildlife. Use Justify® 0.67% Diflubenzuron Larvicide Premix in compliance with present and on-animal products as well as good management and sanitation practices.

ACTIVE INGREDIENT

Diflubenzuron (CAS# 35867-38-2) ........................................... 0.67%

OTHER INGREDIENTS

Water, sodium acid pyrophosphate, soybean oil, sodium bicarbonate, sodium carboxymethylcellulose, sodium alginate, silicon dioxide, and turmeric.

Total ................................................................. 99.33%

Total contains 2.5% g of diflubenzuron.

KEEP OUT OF REACH OF CHILDREN CAUTION

CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear (if appropriate). Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear long-sleeved shirt and long pants, socks, shoes, and gloves.

PRECAUTIONARY STATEMENTS

HARMFUL TO HUMANS AND DOMESTIC ANIMALS

CAUTION

FIRST AID

If in eyes
- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after first 5 minutes. Then continue rinsing.
- Call poison control center or doctor for treatment advice.

IF INHALED
- Remove from inhalation source. Get fresh air. If needed, call a physician.
- Call poison control center or doctor for treatment advice.

IN CASE OF ACCIDENTAL CONTACT
- Wash skin with soap and water. If irritation persists, get medical advice.
- Call poison control center or doctor for treatment advice.

IN CASE OF OVERDOSE
- Call poison control center or doctor for treatment advice.

HOTLINE NUMBERS

Have the product container or label with you when calling a poison control center, doc- tor, or going for treatment. For emergency information concerning this product, call the National Poison Information Center (NPIC) at 1-800-662-7378. Monday through Friday 8 am - 12 pm (PST) NPIC Idaho, Idaho: (208) 334-2100. After 12 pm PST on week-

days, and weekends, please contact your poison control center at 1-800-222-1222.

PERSONAL PROTECTIVE EQUIPMENT

Wear protective clothing when handling this product. Wash clothing after exposure. Do not use until washed and rinsed or dry cleaned.

USER SAFETY RECOMMENDATIONS

Users should:
- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Wear gloves when handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and rinse exposed skin with soap and water.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to irrigated areas below. If irrigation water is applied to treated areas and at a rate that will not contaminate water when disposing of equipment/washwater or rinse.

USE INFORMATION

Justify® 0.67% Diflubenzuron Larvicide Premix is intended for standing in cattle ra-

tions to prevent the development and emergence of horn flies, fly, stable fly, face fly and face fly in the manure of treated beef and dairy cattle, and calves. When mixed with cattle supplements, diflubenzuron, the active ingredient in Justify® 0.67% Diflubenzuron Larvicide Premix, passes through the digestive tract and into the rumen in sufficient con-

centration to kill flies. Justify® 0.67% Diflubenzuron Larvicide Premix cures the introdution by inhibiting the development of horn fly, stable fly, face fly and face fly in the manure and hence of treated animals but is not effective against existing adult flies.

The product can be used as part of an integrated pest control management program aimed at reducing fly populations in the cattle environment. Consult your veterinarian or retailer for program recommendations. In order to achieve optimum fly control, use Justify® 0.67% Diflubenzuron Larvicide Premix in conjunction with premise and on-animal products as well as good management and sanitation practices.

WARRANTY

Champion USA LLC warrants that this product conforms to the chemical description on the label. Champion USA LLC, rather makes no warranty or representation as to any other matter of fitness of reconditioning, representability or merchantability, express or implied, concerning the product. To the extent consistent with applicable law, Champion USA LLC's maximum liability for breach of warranty shall not exceed the purchase price of the product. To the extent consistent with applicable law, user acknowledge and assume all risks and liabilities resulting from the handling, storage and use of this product which extend beyond the use of this product under normal conditions in accord with the statements on this label.

MIXED WITH FREE-CHOICE MINERALS

Mix Justify® 0.67% Diflubenzuron Larvicide Premix with free-choice minerals to produce mineral mixture as shown in the table below. Place the diflubenzuron/mineral mixture in feeders closed to other water sources and/or feeding areas. Use one feeder for 15-20 head of cattle. Fill the feeders with no more than a 5-day supply of the mixture at one time, and protect from inclement weather.

4 OZ/DAY FEEDING RATE**

Justify® 0.67% Diflubenzuron Larvicide Premix 13.00 lbs 6.10%

Free choice minerals 200.00 lbs 92.90%

Total 213.00 lbs 100.00%

**When the use of free-choice mineral is recommended for beef and dairy cattle in pasture, the feeding rate is determined by the sodium chloride content. A 25% sodium chloride con-
tent determines a rate of 4 oz/day.

2 OZ/DAY FEEDING RATE***

Justify® 0.67% Diflubenzuron Larvicide Premix 13.50 lbs 11.89%

Free choice minerals 190.00 lbs 88.11%

Total 203.50 lbs 100.00%

***When the use of free-choice mineral is recommended for beef and dairy cattle in pasture, the feeding rate is determined by the sodium chloride content. A 0.02 sodium chloride content determines a rate of 2 oz/day.

MIXED RATION FEEDING

Use the formulas below to determine the mixing rate of Justify® 0.67% Diflubenzuron Larvicide Premix with grain or feed supplement. The mixing and feeding rates of Justify® 0.67% Diflubenzuron Larvicide Premix is calculated from the equation and will provide the daily intake not in excess of 0.10 mg diflubenzuron/kg body weight (0.44 lbs/100 lbs of body weight per day).

Amount of Justify® 0.67% Diflubenzuron Larvicide Premix (lbs) = [(Body weight in lbs + 100) x 3.20] / AVERAGE DAILY INTAKE (lbs)

CALVES

For starters to be fed to calves weighing between 150-200 lbs, use the following table:

<table>
<thead>
<tr>
<th>Calf Weight</th>
<th>Feed Intake (lbs/day)</th>
<th>Amount of Justify® 0.67% Diflubenzuron Larvicide Premix (lbs)</th>
<th>Diflubenzuron (g/lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 lbs</td>
<td>1.32</td>
<td>1.32</td>
<td>6.69</td>
</tr>
<tr>
<td>150 lbs</td>
<td>2.04</td>
<td>2.04</td>
<td>6.69</td>
</tr>
<tr>
<td>200 lbs</td>
<td>2.72</td>
<td>2.72</td>
<td>5.05</td>
</tr>
<tr>
<td>150 lbs</td>
<td>1.61</td>
<td>1.61</td>
<td>6.69</td>
</tr>
<tr>
<td>200 lbs</td>
<td>2.70</td>
<td>2.70</td>
<td>5.05</td>
</tr>
<tr>
<td>200 lbs</td>
<td>3.62</td>
<td>3.62</td>
<td>5.05</td>
</tr>
</tbody>
</table>

STORAGE AND DISPOSAL

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

PETROLEUM STORAGE

Keep this product in its tightly closed original container. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals.

PESTICIDE DISPOSAL

Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING

Nonrefillable container: Do not reuse or refill this container. Completely empty bag by shaking and tipping bottom and sides to loosen clinging particles. Empty residue into mixing equipment then offer for recycling if available or dispose of empty bag and box in a sani-
tary landfill, or by other procedures approved by state and local authorities.

COMMENTS

This is a formaldehyde-free product containing silicate. The product contains no formaldehyde or silicate. The product can be used as part of an integrated pest control management program aimed at reducing fly populations in cattle environment. Consult your veterinarian or retailer for program recommendations. In order to achieve optimum fly control, use Justify® 0.67% Diflubenzuron Larvicide Premix in conjunction with premise and on-animal products as well as good management and sanitation practices.

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NEW REVIEWS