

400-536

6/15/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

NOTIFICATION

JUN 15 2010

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Judy Ball
Chemtura Corporation
199 Benson Road
Middlebury, CT 06749

Subject: **Notification:** Updated Storage and Disposal Statement PR Notice 2007-4
2824-1
EPA Reg. No. 400-536
Submission Dated: May 3 2010

Dear Ms. Ball

The Agency is in receipt of your Application for Pesticide Notifications under Pesticide Registration Notice (PRN) 2007-04 dated 5-3-10 for the product EPA Reg. No 400-536. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 2007-04 and finds that the action(s) requested fall within the scope of PRN 2007-04. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me @ 703-305-5314 or metzger.autumn@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Autumn Metzger".

Autumn Metzger
Biologist
Insecticide-Rodenticide Branch
Office of Pesticide Programs

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NOTIFICATION
JUN 15 2010

B811 Insecticide

- [Prevents the development of Horn flies, Face flies, House flies and Stable flies in the manure of treated cattle (lactating and non lactating beef and dairy cows, slaughter, stocker and feeder cattle and calves including veal calves).]
- [A pesticidally active feed concentrate for cattle (lactating and non lactating beef and dairy cows, slaughter, stocker and feeder cattle and calves including veal calves) containing [diflubenzuron) (Dimilin®)]
- [Insect Growth Regulator (IGR) for continuous feeding during the fly season]
- [[(Daily) feed concentrate for (beef and dairy) cattle containing (Dimilin®) (diflubenzuron) (brand name) Insect Growth Regulator (IGR) for continuous feeding during the fly season]
- [[(Fly larvicide) (fly control) (for beef and dairy cattle)]
- [[(Stops) (prevents) (growth) (development) of Horn fly, Face fly, House fly and Stable fly larvae in manure (of) (from) treated beef and dairy cattle (lactating and non lactating beef and dairy cows, slaughter, stocker and feeder cattle and calves including veal calves).]
- [[(Stops) (prevents) development of Horn fly, Face fly, House fly and Stable fly larvae in manure (of) (from) treated beef and dairy cattle]
- [[(Stops) (prevents) emergence of adult Horn flies, Face flies, House flies and Stable flies from manure (of) (from) treated beef and dairy cattle]
- [Contains (diflubenzuron) (Dimilin*) (brand name) (Insect Growth Regulator) (IGR) (chitin synthesis inhibitor)]
- [Breaks the (fly) (flies') life cycle]
- [Prevents the (formation) (synthesis) of (chitin) fly larvae's exoskeletons (when they molt) (resulting in their death)]
- [[(Can be used as) part of a (integrated) (total) (complete) fly control (pest management) program]

COMPOSITION

ACTIVE INGREDIENT (% by weight):

Diflubenzuron (CAS# 35367-38-5):	0.67%*
OTHER INGREDIENTS:	99.33%**
TOTAL:	100.00%

*contains 3.04 grams of diflubenzuron per pound.

**Refers only to ingredients which are not larvicidal.]

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA REG NO. 400 - 536
 EPA EST. NO.
 002/052510

Manufactured for:
 Chemtura Corporation
 199 Benson Road
 Middlebury, CT 06749



**[PRECAUTIONARY STATEMENTS]
[HAZARDS TO HUMANS AND DOMESTIC ANIMALS]
[CAUTION]**

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

FIRST AID	
Call poison control center or doctor immediately for treatment advice.	
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment advice.
Emergency Assistance: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.]	
[EMERGENCY PHONE:	800-292-5898]
[SAFETY DATA AND INFORMATION:	866-430-2775]
[TRANSPORTATION EMERGENCY (CHEMTREC):	800-424-9300]

PERSONAL PROTECTIVE EQUIPMENT

Mixers and handlers must wear long-sleeved shirt and pants, shoes plus socks, and chemical-resistant gloves (nitrile rubber, barrier laminate, neoprene rubber or viton). Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS

This pesticide is toxic aquatic invertebrates. Do not contaminate water when disposing of equipment wash waters.

GENERAL USE INFORMATION

[(B811 INSECTICIDE) (brand name) (this product)] is intended for blending into (beef and dairy) cattle (lactating and non lactating beef and dairy cows, slaughter, stocker and feeder cattle and calves including veal calves) rations to control horn flies, face flies, house flies and stable flies, which develop in cattle manure. This product prevents emergence of adult flies from the manure of the treated cattle. Use [(B811 INSECTICIDE) (brand name) (this product)] only in (beef and dairy) cattle supplements. Use [(B811 INSECTICIDE) (brand name) (this product)] as part of a(n) [integrated] [pest] [fly] [control] [management] program aimed at reducing fly populations in the cattle's environment. Consult your [veterinarian] [or] [retailer] for program recommendations. In order to achieve optimum fly control, use [(B811 INSECTICIDE) (brand name) (this product)] in conjunction with [other] [brand name] premise and on-animal products as well as good management and sanitation practices.

DIRECTIONS FOR USE

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

[(B811 INSECTICIDE) (brand name) (this product)] contains [Dimilin®] (diflubenzuron), [an] [insect growth regulator] [IGR] which prevents the development of horn flies, face flies, house flies and stable flies in the manure of treated beef and dairy cattle, but is not effective against existing adult flies. Start feeding [(B811 INSECTICIDE) (brand name) (this product)] early in the spring [(3-4 weeks) (30 days) (1 month) before flies begin to appear, and continue feeding throughout the summer and into the fall until cold weather (restricts) (stops) (ends) fly activity. In some cases, supplemental fly control measures may be needed in and around pastures, barns and feedlots to control adult house and stable flies which can breed in other decaying [(organic) (vegetable)] matter or silage in the area, or that migrate in from other locations.

The dosage of [(B811 INSECTICIDE) (brand name) (this product)] is proportional to the animal's body weight. The recommended feeding rate of [(B811 INSECTICIDE) (brand name) (this product)] is [0.72 oz (0.04 lb) per 100 lbs of body weight per month (30 days)] [(0.10 mg diflubenzuron/kg of body weight) (4.54 mg diflubenzuron/100 lbs. of body weight)] per day]. The product can be fed by either of the following two methods.

MIXED WITH FREE-CHOICE MINERALS

Mix [(B811 INSECTICIDE) (brand name) (this product)] with free-choice-fed minerals to produce a [(B811 INSECTICIDE) (brand name) (this product)] and mineral mixture as shown in the table below.

4 OZ. PER DAY FEEDING RATE

B811 Insecticide	13	lbs	6.10%
Free-Choice Minerals	200	lbs	93.90%
Total	213	lbs	100.00%

2 OZ. PER DAY FEEDING RATE

B811 Insecticide	13.5	lbs	11.89%
Free-Choice Minerals	100.0	lbs	88.11%
Total	113.5	lbs	100.00%

1. These calculations are based on a 1,000 pound animal.

Place the [(B811 INSECTICIDE) (brand name) (this product)] + mineral mixture in feeders close to water sources and/or resting areas. Use one feeder for each 15 to 20 head. Fill the feeders with no more than a 5 to 7 day supply of the mixture at one time, and protect the mixture from rain.

MIXED-RATION FEEDING

Use the table below as a guide for mixing [(B811 INSECTICIDE) (brand name) (this product)] with grain or a feed supplement

Body Weight (lbs.)	Feed Intake as a % body wt.	Feed Intake (lbs./head/day)	B811 Insecticide [(oz./ton)] [(lbs./ton)]
150	1.50%	2.25	[31.9] [2.0]
500	1.50%	7.50	[31.9] [2.0]
750	1.50%	11.25	[31.9] [2.0]
1000	1.50%	15.00	[31.9] [2.0]
1500	1.50%	22.50	[31.9] [2.0]
250	2.00%	5.00	[23.9] [1.5]
500	2.00%	10.00	[23.9] [1.5]
750	2.00%	15.00	[23.9] [1.5]
1000	2.00%	20.00	[23.9] [1.5]
1250	2.00%	25.00	[23.9] [1.5]
150	2.50%	3.75	[19.1] [1.2]
500	2.50%	12.50	[19.1] [1.2]
750	2.50%	18.75	[19.1] [1.2]
1000	2.50%	25.00	[19.1] [1.2]
1500	2.50%	37.50	[19.1] [1.2]
250	3.00%	7.50	[15.9] [1.0]
500	3.00%	15.00	[15.9] [1.0]
750	3.00%	22.50	[15.9] [1.0]
1000	3.00%	30.00	[15.9] [1.0]
1250	3.00%	37.50	[15.9] [1.0]

$$\text{Inclusion of B 811 Insecticide (lbs/ton)} = \frac{\text{Body weight}}{100} \times 3 \times \frac{\text{Average Daily Feed Intake (lb)}}{\text{Feed Intake (lb)}}$$

Thoroughly mix [(B811 INSECTICIDE) (brand name) (this product)] with grain or a feed supplement. The mixing and feeding rates in the above table will provide the recommended daily intake of [(0.10 mg diflubenzuron/kg of body weight) (4.54 mg diflubenzuron/100 lbs. of body weight)] per day.

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool dry place. 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 reuse or refill container. Offer for recycling if available.~~ Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into mixing equipment. Then dispose of bag in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY AND LIMITATION OF DAMAGES

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. To the extent consistent with applicable law, seller makes no other express or implied warranty of Fitness or of Merchantability, and no agent of Seller is authorized to do so except in writing and with specific reference to this warranty. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which claim is made.