

1157-52

09-07-2010

5/8



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

September 7, 2010

ADM Alliance Nutrition, Inc.
c/o Heather R. Bjornson
Technology Sciences Group, Inc.
1150 18th Street, N.W.
Suite 1000
Washington, DC 20036

RE: Product Name: IGR 1% Liquid Methoprene
EPA Reg. No.: 1157-52
Application for Label Notification dated August 16, 2010 to update the
storage and disposal statement per Pesticide Registration (PR) Notice
2007-4.

Dear Ms. Bjornson:

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under PR Notice 2007-4 dated above. A preliminary screen of this request has been conducted for its applicability under PR Notice 2007-4 and it has been determined that the action(s) requested falls within the scope of PR Notice 2007-4. Our records have been duly noted, and the label submitted with this application has been stamped "Notification Accepted" and will be placed accordingly in our records.

If you have any questions concerning this action, please feel free to contact Mr. Colin Walsh at (703) 308-0298 or via email at walsh.colin@epa.gov.

Sincerely,

Linda A. Hollis

Linda A. Hollis, Chief
Biochemical Pesticides Branch
Biopesticides and Pollution Prevention
Division (7511P)



United States
Environmental Protection Agency
 Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 1157-52	2. EPA Product Manager Linda Hollis	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) ADM Alliance Nutrition 1% Liquid Methoprene	PM# 011 Chief/ Biochemicals/ BPPD	
5. Name and Address of Applicant (Include ZIP Code) ADM Alliance Nutrition, Inc. 1000 N. 30th Street, Box C1 Quincy, IL 62305 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

Amendment - Explain below. Final printed labels in response to Agency letter dated _____
 Resubmission in response to Agency letter dated _____ "Me Too" Application.
 Notification - Explain below. Other - Explain below.

Notification Accepted
 Date: **SEP 07 2010**

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Reviewer: *C. Walsh*

This notification is to add language pertaining to nonrefillable containers for this product per PR Notice 2007-4 and is not subject to PRIA.

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Metal <input checked="" type="checkbox"/> Plastic Glass Paper Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 50 pounds		5. Location of Label Directions <input checked="" type="checkbox"/> _____	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Heather R. Bjornson, Technology Sciences Group, Inc.	Title Regulatory Consultant	Telephone No. (Include Area Code) (202) 828-8945
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped) _____ _____ _____ _____ _____
2. Signature <i>Heather R. Bjornson</i>	3. Title Regulatory Consultant to ADM Alliance Nutrition, Inc.	
4. Typed Name Heather R. Bjornson	5. Date August 16, 2010	



August 16, 2010

WASHINGTON

1150 18th Street, N.W.
Suite 1000
Washington, D.C. 20036
Telephone 202 223-4392
Fax 202 872-0745

Linda Hollis
Biopesticides and Pollution Prevention Division (7504P)
Office of Pesticide Products
US Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

RE: Moorman's IGR Mineral Block (EPA Reg. No. 1157-42)
ADM Alliance Nutrition 0.01% IGR Tub (EPA Reg. No. 1157-50)
ADM Alliance Nutrition IGR 1% Liquid Methoprene (EPA Reg. No. 1157-52)
ADM Alliance Nutrition 2% IGR Mineral (EPA Reg. No. 1157-53)

SACRAMENTO

712 Fifth Street
Suite A
Davis, CA 95616
Telephone 530 757-1298
Fax 530 757-1299

Notification to add nonrefillable container language per PR Notice 2007-4

Dear Linda,

Technology Sciences Group Inc., on behalf of ADM Alliance Nutrition, Inc., is submitting the enclosed notification to add nonrefillable container language to the label for **ADM Alliance Nutrition 1% Liquid Methoprene (EPA Reg. No. 1157-52)**. You will find the following enclosed to support this notification:

- 1) Notification form, and
- 2) One revised version of the label with the changes highlighted.

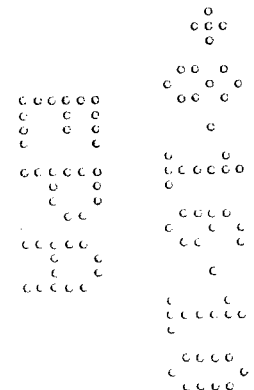
Please do not hesitate to contact me directly with any questions.

Sincerely,

Heather R. Bjornson
Regulatory Consultant for ADM Alliance Nutrition, Inc.
Direct dial: (202) 828-8945; E-mail: hbjornson@tsgusa.com

CANADA

275 Slater Street
Suite 900
Ottawa, Ontario
K1P 5H9
Telephone 613 247-6285
Fax 613 236-3754



IGR 1% LIQUID METHOPRENE AN INSECT GROWTH REGULATOR

To prevent the development of horn flies in the manure of treated beef or dairy cattle
To prevent the emergence of horn flies from the manure of treated cattle including breeding and lactating beef and/or dairy cattle and calves

IGR 1% Liquid Methoprene is intended for custom blending into liquid cattle feed supplements.

ACTIVE INGREDIENT:

S-Methoprene (CAS #65733-16-6).....	1.0%
OTHER INGREDIENTS:.....	<u>99.0%</u>
Total	100%

KEEP OUT OF REACH OF CHILDREN

Notification Accepted

EPA Reg. No. 1157-52
EPA Est. No. 1157-XX-XXX

Date: **SEP 07 2010**

Reviewer: *C. Walsh*

Net Contents: 50 lb. (22.7 KG)

Batch Code: xxxxx

ENVIRONMENTAL HAZARDS

For Terrestrial Use Only. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment or washwaters, or rinsates.

GENERAL INFORMATION: IGR 1% Liquid Methoprene is a feed additive intended for custom blending only into cattle liquid feed supplements composed of AAFCO (Association of American Feed Control Officials) approved feed ingredients to control horn flies which develop in cattle manure. Include the IGR 1% Liquid Methoprene label with shipments of custom liquid cattle feed supplements.

DIRECTIONS FOR USE – It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Blending and Feeding IGR 1% Liquid Methoprene

IGR 1% Liquid Methoprene prevents emergence of adult horn flies from the manure of treated cattle. Begin use 30 days prior to horn fly season, and continue feeding until cold weather restricts horn fly activity.

IGR 1% Liquid Methoprene is designed to be formulated into liquid feed supplements for cattle that can be fed free-choice, mixed into a complete ration, or used as a top dressing on total mixed rations (TMR). Liquid feeds containing IGR 1% Liquid Methoprene can be fed to beef and dairy cattle including: breeding cattle, lactating cows, and calves.

Use the following formula to determine the amount of IGR 1% Liquid Methoprene to be mixed into the liquid feed that will achieve horn fly control. These directions provide a target rate of 1.13 mg/100 lbs of animal body weight per day or 34 mg/100 lbs of animal body weight per month of active ingredient.

$$\frac{\text{Cwt}^*}{2 \times \text{lbs. of daily consumption}} = \text{lbs. of IGR 1\% Liquid Methoprene per ton of liquid feed supplement}$$

*Cwt = 100 lbs. of body weight, i.e., 1,000 lbs is 10 cwt

The following table is provided as a guide in determining the amount of IGR 1% Liquid Methoprene needed to achieve horn fly control assuming a 1,000 lb. animal as the head weight:

Daily Consumption Rate Lbs./1,000 lb. animal/Day	Inclusion of IGR 1% Liquid Methoprene into Liquid Feed	
	Lbs/Ton	Fluid Ounces/Ton
5	1.0	15.4
2 ½	2.0	30.7
2	2.5	38.4
1	5.0	76.7
½	10.0	153.5
¼	20.0	307.0

Add IGR Liquid at the end of mixing the liquid feed formulation and mix for an additional 10 minutes.

When and How to Use IGR 1% Liquid Methoprene

Use IGR 1% Liquid Methoprene to break the life cycle of the horn fly. When fed to cattle, IGR 1% Liquid Methoprene passes through the digestive system and is deposited throughout the manure.

Here it stops the development of immature horn flies, before they can emerge as adult horn flies. **IGR 1% Liquid Methoprene** does not affect existing adult horn flies.

Start feeding **IGR 1% Liquid Methoprene** thirty days (one month) prior to horn fly season (before horn flies normally appear). Continue feeding throughout the summer and into the fall until cold weather restricts horn fly activity.

If significant numbers of adult horn flies are already present when **IGR 1% Liquid Methoprene** is introduced, it may take 3 to 5 weeks for an effect on the adult horn fly population to be clearly observed. For fast relief from existing horn fly burdens, consider the use of adulticide sprays, dusts, back-rubbers, or pour-ons. Adult horn flies remain feeding on cattle day and night and leave the animal only to lay eggs in freshly passed manure. Without **IGR Liquid 1% Methoprene** eggs hatch and develop in the manure, resulting in a new generation of adult horn flies. These newly emerged horn flies can be carried downwind to a neighboring herd. Area wide horn fly control to include neighboring herds reduces the numbers of migrating horn flies.

IGR 1% Liquid Methoprene can be fed up to slaughter and to lactating dairy cows without withholding milk.

STORAGE AND DISPOSAL:

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

PESTICIDE STORAGE: Store in a cool, dry place.

PESTICIDE DISPOSAL: Wastes 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. Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. (Optional text for >55 gallon mini-tote: Return container to manufacturer for cleaning and recycling.)

WARRANTY AND CONDITIONS OF SALE: To the extent permitted by law, seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. To the extent permitted by law, buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

ADM Alliance Nutrition
Quincy, IL 62305
Made in USA