

7173-257

7/20/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460



OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

JUL 20 2012

Thomas Schmit
Manager of Regulatory Affairs
LiphaTech
3600 West Elm Street
Milwaukee WI 53209

Subject Metarex 4% Snail and Slug Bait
Revising Storage and Disposal Statements per PR Notice 2007 4
EPA Reg No 7173 257
Notification Application Dated July 16 2012

Dear Mr Schmit

The Agency has received your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007 4 dated July 16 2012 for the product Metarex 4% Snail & Slug Bait EPA Reg No 7173 257 The Registration Division (RD) has reviewed this request and finds that the actions requested fall within the scopes of PR Notice 2007 4 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 directly at (703) 308 8043 or email
lewis marianne@epa.gov

Sincerely

A handwritten signature in black ink, appearing to read "Marianne Lewis", written over a large, faint, stylized outline of the signature.

Marianne Lewis
Insecticide Rodenticide Branch
Registration Division (7505P)
Office of Pesticide Programs

Please read instructions on reverse before completing form

Form Approved, OMB No. 2070-0060, Approval expires 2-28-95



United States
Environmental Protection Agency
Washington DC 20460

☐ Registration
☒ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1 Company/Product Number 7173 257	2 EPA Product Manager Venus Eagle	3 Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4 Company/Product (Name) Metarex 4% Snail and Slug Bait	PM# Insecticide/Rodenticide Br	
5 Name and Address of Applicant (Include ZIP Code) Liphatech Inc 3600 W Elm Street Milwaukee WI 53209 <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

<input type="checkbox"/> Amendment Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> Me Too Application
<input checked="" type="checkbox"/> Notification Explain below	<input type="checkbox"/> Other Explain below

Explanation Use additional page(s) if necessary (For section I and Section II) **NOTIFICATION (per PR Notice 98 10) of**

Minor Label Changes to storage and Disposal information per Reregistration Decision and PR Notice 2007-4

This notification is consistent with the provisions of PR Notice 98 10 and EPA regulations at 40 CFR 152.46 and no other changes have been made to the label or the confidential statement of formula for this product. I understand that it is a violation of 18 USC Sec 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98 10 and 40 CFR 152.46 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	<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> 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 1 pound up to 2000 pounds		5 Location of Label Directions <input checked="" type="checkbox"/> 0 1 b 1	
6 Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> 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 Thomas Schmit		Title Manager of Regulatory Affairs		Telephone No (Include Area Code) (414) 410 7230	
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 		3 Title Manager of Regulatory Affairs			
4 Typed Name Thomas Schmit		5 Date July 16 2012			

JUL 20 2012



4% SNAIL AND SLUG BAIT

KEEP OUT OF REACH OF CHILDREN

CAUTION:

See side panel for further precautionary statements

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. **IMPORTANT** Keep granules away from children and pets. Bait may be attractive to dogs. Confine pets during application to prevent them from believing they are being fed.

FIRST AID: Have the product container or label with you when calling a poison control center or doctor or going for treatment.

If on skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Note to Physician: No specific antidote is available. Treat the patient symptomatically.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Applicators and other handlers must wear long-sleeved shirt, long pants, shoes plus socks and chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS: Do not apply directly to water, 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 washwater.

STORAGE AND DISPOSAL

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

Pesticide Storage: This product can be harmful to children and fatal to dogs and other domestic animals if ingested. Dogs have been known to ingest metaldehyde after opening or tearing packaging. Store this product in its original packaging in a cool, secure location and out of reach of children and pets.

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: This is a nonrefillable container. Do not reuse or refill this container. Completely empty container into application equipment. Dispose of empty container in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY: To the extent consistent with applicable law, seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risks of use and/or handling this material when such use and/or handling is contrary to label instructions.

For control of snails and slugs in turf, ornamentals, field crops, tobacco, seed crops, vegetables, tree crops & small fruits

Active Ingredient: Metaldehyde 2,4,6,8-tetramethyl-1,3,5,7-tetraoxacyclo-octane 4.0%
Inert Ingredients 96.0%
Total 100.0%

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements by your State or Tribe, consult the agency responsible for pesticide regulation. 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.

AGRICULTURAL USE REQUIREMENT: Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is long-sleeved shirt and long pants, shoes plus socks and chemical-resistant gloves made of any waterproof material.

NON-AGRICULTURAL USE REQUIREMENTS: These requirements apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

APPLICATION DIRECTIONS

Apply to the soil surface. Granules may be broadcast by air or ground equipment unless specified otherwise on the label. Use a band treatment between rows after formation of edible crop parts. Do not contaminate edible parts.

Best results are obtained if applied in the evening, after irrigation or rain. Do not irrigate for 48 hours after application. Apply when plant damage first appears. Repeat every 2 to 4 weeks or as reinfestation occurs. Most plants are tolerant of Metarex. On any plant(s) known or suspected to be sensitive to plant protection chemicals, the user should make a test application to determine the plant(s) sensitivity to this product before large scale use or broadcast treatment is made. Should the test determine that the plant(s) are sensitive to this product, do not apply Metarex granules; may be applied to the following crops to control slugs and snails.

NON-CROP AREAS: such as fallow land, barrier strips & uncultivated non-agricultural areas, parks & recreational areas, golf courses, brush, railroad, pipeline, highway power & telephone rights of way, road sides, lumberyards, storage areas, industrial sites, parking lots, airports, and similar non-crop areas which may be infested and offer transient harborage to slugs & snails. Apply 5 to 40 pounds per acre.

TURF AND ORNAMENTALS: (ornamental greenhouses, ornamental plantings, commercial ornamental nurseries, ground covers, turfgrass and grasses grown for sod, dichondra, and around building foundations). Apply at 3 ounces to 1 pound per 1000 sq ft (approx. 6 to 32 pellets per square foot or 8 to 40 pounds per acre).

ARTICHOKES: (by air or ground before tight bud stage or by ground only after tight bud stage). Apply 8 to 40 pounds per acre.

FIELD CROPS: (cereal grains, corn, legumes, and mint). Apply 5 to 40 pounds per acre.

SEED CROPS: (sugar beets, flowers, grasses, vegetable and legume crops grown for seed). Apply 5 to 40 pounds per acre.

SMALL FRUIT: (blackberries, blueberries, boysenberries, cranberries, loganberries, raspberries, strawberries, and grapes). Apply 6.5 to 40 pounds per acre or 2.5 ounces up to 1 pound per 1000 sq ft or 5-32 pellets per sq ft. May be applied in a circular band (not less than 6 inches wide) around base of tree trunks.

TOBACCO: (field, greenhouse and lathe house). Apply 5 to 40 pounds per acre or 1 pound per 1000 to 8000 sq ft.

TREE CROPS: (citrus, avocado, cherries, peaches, apricots, apples, pears, bananas, and papaya). Apply 6.5 to 40 pounds per acre or 2.5 ounces up to 1 pound per 1000 sq ft or 5-32 pellets per sq ft. May be applied in a circular band (not less than 6 inches wide) around base of tree trunks.

VEGETABLES: (asparagus, beans, beets, black-eyed peas, broccoli, Brussels sprouts, cabbage, cantaloupe, carrots, cauliflower, celery, collards, corn, cowpeas, cucumbers, eggplants, endive, garlic, ginseng, horseradish, kale, kohlrabi, leeks, legumes, lettuce, melons, mustard greens, okra, onion, parsnips, peas, peppers, pimentos, potatoes, pumpkins, radishes, rhubarb, rutabagas, salsify, shallots, spinach, squash, sweet potatoes, Swiss chard, tomatoes, turnips, and watermelons). Apply 5 to 40 pounds per acre.

(31807a)

LIPHA TECH

Manufactured for
Lipha Tech Inc.
3600 W Elm Street
Milwaukee, WI 53074
414-351-1476

EPA Reg. No. 7173-257

EPA Est. No. 74926-FRA-1

Net Weight:

"The Power is in the Pellet"

Alternate warranty statements

Satisfaction guaranteed or your money back

Optional marketing statements

Contains Bitrex™

(Bitrex logo™)

Bitrex™ is a trademark of MacFarlane Smith Ltd
Edinburgh
Scotland

Meta™ is a registered trademark of Lonza AG
Switzerland

(Meta logo™)

For use on Turf Ornamentals Vegetables & Fruit

Kills slugs & slugs fast

Kills Slugs & Snails Fast offers immediate protection to
plants

Effective at controlling snails and slugs commonly found
in and

around homes lawns ornamental fruit and vegetable
gardens

*Smaller highly visible pellets offer more baiting points
than the

same weight of competing products

Rain fast for up to 45 days (under normal rainfall)

Protects for up to 4 weeks

Metarex granules can remain effective and provide pro-
tection

for up to four weeks!

Metarex pellets can remain effective and provide pro-
tection for

up to four weeks!

Reduced rate technology

Low rate technology

Power pellets

The power pellet

The power is in the pellet

Moisture resistant package (bag box pail as appropri-
ate)

Approx 4 pellets per square foot

Covers ___ sq ft (label statement based on application
rate

of 2 ounces per 1000 sq ft and actual package size)

Enough for ___ applications to a typical 20 ft x 20 ft gar-
den

(label statement based on application rate of 2 ounces
per

1000 sq ft and actual package size)

Enough for ___ applications to a 75 X 35 ft garden (label
state

ment based on application rate of 2 ounces per 1000 sq
ft and

actual package size)

Enough to cover ___ tennis courts (label statement
based on

application rate of 2 ounces per 1000 sq ft actual pack-
age size

and a regulation (singles) tennis court size of 78 X 27 ft)

Practical & easy to use Shaker lid permits very accurate
and

uniform dosage without requiring you to touch the bait

Dust free

No dust

Mold resistant

Highly visible pellets help assure proper coverage and
prevent

over application

Smaller highly visible pellets help assure proper cover-
age and

prevent over application

Offers immediate protection to plants even though
slugs &

snails may remain in the area

After feeding slugs and snails dehydrate and die within

2 6 days often crawling to secluded places to die

After feeding slugs and snails dehydrate and die within
2 6

days

Plant protection will be observed in the decrease in
plant dam

age

High palatability = quick attraction Made with food
grade cereal ingredients manufactured to the highest of
standards

In controlled tests preferred 3 to 1 vs fresh carrots & let-
tuce

Preferred 3 to 1 by slugs vs fresh carrots and lettuce in
con trolled tests

Preferred 3 to 1 by slugs vs fresh carrots and lettuce

Rain & irrigation resistant Due to exclusive manufactur-
ing techniques Metarex granules resist heavy watering
holding their shape longer than competitive pellets

When to apply (usage tips) Apply when slugs and snails
are active If ground is dry water the area before appli-
cation This will usually mean treating during periods
when evening frost is

no longer likely Check under rocks and other horizontal
surfaces in contact with most soil for snail & slug activity

in the early morning Even a presence of 1 2 slugs per
square yard can indicate a serious problem Snails &

slugs feed almost entirely at night so the best time to
treat is late afternoon or just before dusk and when tem-

peratures are cooler just before slugs & snails become
active Try not to irrigate for 48 hours after application

Regular application will diminish the recurrence of slug or
snail infestation Retreat if necessary or if you begin to
see recurring damage to your plants

Just one slug or snail can hatch up to 40 or 80 eggs
respectively every 4 8 weeks!

Where to apply (usage tips) Apply at the edge of the
garden

or area to be protected to reduce the chances of re infes-
tation from adjacent areas Slugs & snails migrate toward

better feeding and sheltering conditions preferring moist
shady environments with tender succulent vegetation

close to the ground Use broadcast type spreader for
large areas Also treat areas where these pests shelter

during the day damp places around mulch shady
flower gardens rock formations ivy patches hedged

vegetable plants dichondra lawns and other ground cov-
ers

Protect Flowers

Protect Flower Quality

Protect Sensitive landscapes

Compare coverage vs other brands

More uniform pellets = better spread pattern

Trusted by European growers for over 30 years

Colorfast

Moisture resistant package (bag box pail as appropri-
ate)

Resistant to Rain and Watering

All Weather Formula

[Hand] Spreader Settings

To Apply rate 1 rate 2 rate 3 rate 4

spreader A

spreader B

spreader C