

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511C)
1200 Pennsylvania Avenue NW
Washington, DC 20460

EPA Reg. Number:
72563-4

Date of Issuance:
2/2/05

Term of Issuance: Conditional

Name of Pesticide Product:

Lurex™-Cubed

NOTICE OF PESTICIDE:

X Registration
Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

American Biophysics Corporation
2240 South County Trail
East Greenwich, RI 02818-1536

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/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his 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 this 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 conditionally registered in accordance with FIFRA Sec. 3(c)(7)(A) provided you:

- 1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA section 3(c)(5) and section 4 when the Agency requires all registrants of similar products to submit such data.
2. Submit within 3 months a protocol outlining a method that demonstrates: 1) the amount of Ammonium Bicarbonate (active ingredient) that remains in the product, over time, in relation to the product's label directions to replace the lure every 21 days, and 2) product performance for the Lurex-Cubed product throughout the period of time as specified on the product label. Include study design and statistical analyses to be applied as appropriate. The study will include results of species of insects attracted to the lure.
3. Submit within 9 months the product performance data for the tests using the methods referred to in item 4 above.
4. Revise the EPA Registration Number to read, "EPA Reg. No. 72563-4."
5. Submit three (3) copies of the revised final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

This registration is effective for 12 months from the date of issuance.

YEA see next page

Date: 2/2/05

CONCURRENCES

Table with columns for SYMBOL, FORM, SURNAME, and DATE. Includes handwritten entries for '7511C', 'Peter', and '2/2/05'.

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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,

A handwritten signature in cursive script, appearing to read "Janet L. Andersen".

Janet L. Andersen, Director
Biopesticides and Pollution Prevention
Division

(Text master label without graphics, pictures or illustrations)

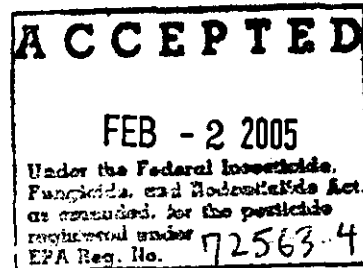
- **Sublabel A: Outdoor Use (Mosquito Magnet® Traps)**
- **Sublabel B: Indoor Use (LureVac® Trap)**
- **Text on packaging of individual attractants**
- **Optional Label Claims**

Lurex™ - Cubed

(alternate brand name: "Lurex™ 3; Lurex™ 3 Biting Insect Attractant")

Lurex™ Component

Active Ingredient:
 Lactic acid 35.40%
Other Ingredients: 64.60%
Total:..... 100.00%



Ammonium Bicarbonate Component

Active Ingredient:
 Ammonium Bicarbonate 74.63%
Other Ingredients: 25.37%
Total:..... 100.00%

EPA Reg. No.: (Pending as File Symbol 72563-U)
EPA Est. No.: 72563-RI-001

Manufactured by:
 American Biophysics Corporation
 140 Frenchtown Road
 North Kingstown, RI 02852 USA
 Tel. (401) 884-3500

Sublabel A: Outdoor Use (Mosquito Magnet® Traps)

Lurex™-Cubed

(alternate brand name: "Lurex™ 3; Lurex™ 3 Biting Insect Attractant")

Lurex™ Component

Active Ingredient:

Lactic acid 35.40%

Other Ingredients: 64.60%

Total:..... 100.00%

Ammonium Bicarbonate Component

Active Ingredient:

Ammonium Bicarbonate 74.63%

Other Ingredients: 25.37%

Total:..... 100.00%

Keep Out of Reach of Children

CAUTION

See (back panel) (insert label) (insert instructions) for (additional) Precautionary Statements and (full) Directions for Use.

EPA Reg. No.: (Pending as File Symbol 72563-U)

EPA Est. No.: 72563-RI-001

Net Contents: Contains 1 (lure) (cartridge).

51 g (XX oz.) for **outdoor use** (lure) (cartridge)

Manufactured by:

American Biophysics Corporation

140 Frenchtown Road

North Kingstown, RI 02852 USA

Tel. (401) 884-3500

(Email: info@mosquitomagnet.com; outside of US: international@mosquitomagent.com;
www.mosquitomagnet.com)

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • 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 in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.</p>	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals.

Caution: Harmful if swallowed. Avoid contact of mouth, skin, or eyes with the evaporation holes. Wash hands before eating, drinking, chewing gum, using tobacco or using bathroom facilities.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

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

(Important! See (back panel) (map) to see if Lurex™-Cubed is right for you.)

(Map graphic shows a map of the continental US, with southern half of US identified as "Use Lurex™-Cubed First" and northern half of US identified as "Use Octenol First." Panel footnote: *Mosquito Magnet® Octenol Biting Insect Attractant)*

(Lurex™-Cubed is (a regional attractant) (a specially designed attractant) for hard to catch species such as the Asian Tiger mosquito (*Aedes albopictus*.)

((For U.S. only.) Choose the attractant that's right for you. If you live in the southern half of the US, increase your Mosquito Magnet catch rates by using a (fresh) (new) Lurex™-Cubed cartridge every time you change the tank. The Asian Tiger, a particularly hard to catch mosquito, is likely the predominant species (in your area). The Asian Tiger is a highly aggressive, non-indigenous species that is primarily located in the southern half of the US, but is spreading across the country. It is a vicious day-biter and may carry West Nile Virus, Dengue fever, Yellow fever and encephalitis. At your option, try Octenol* in place of Lurex™-Cubed.)

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((For U.S. only.) Choose the attractant that's right for you. If you live in the northern half of the US, increase your Mosquito Magnet catch rates by using a (fresh) (new) Octenol cartridge* every time you change the tank. At your option, try Lurex™-Cubed as hard to catch species are not attracted to Octenol*.)

(Once your trap starts catching, you know you've found the attractant that's right for you!)

(Panel footnote: *Mosquito Magnet® Octenol Biting Insect Attractant)

(Usage Instructions)

- 1) If you have a Mosquito Magnet® trap with a capped attractant tube (see figure A), follow these steps:
 - a) Using a coin, remove the cap from the attractant tube (see figure B). Save for future use, as cap is needed for other attractants.
 - b) Peel off tamper evident seal from Lurex™-Cubed attractant cartridge (see figure C). (The appearance of condensation on the inside of the cartridge is normal.)
 - c) Insert Lurex™-Cubed attractant cartridge into attractant tube. Turn clockwise until it snaps into place (see figure D).

Remove and replace Lurex™-Cubed attractant cartridge every 21 days, using a counter clockwise rotation (see figure E).

- 2) If you have a Mosquito Magnet® trap without a capped attractant tube see (see figure F), follow these steps:
 - a) Snap the attractant adapter onto the Lurex™-Cubed attractant cartridge (see figure G).
 - b) Peel off tamper evident seal from Lurex™-Cubed attractant cartridge (see Figure H). (The appearance of condensation on the inside of the cartridge is normal.)
 - c) Insert Lurex³ attractant cartridge into attractant tube. Turn clockwise until it snaps into place (see figure I).

Remove and replace Lurex™-Cubed attractant cartridge every 21 days, using a counter clockwise rotation (see figure J).

(Lurex™-Cubed can be used simultaneously with Mosquito Magnet® Octenol Biting Insect Attractant. Important! Octenol is recommended for use where no-see-ums, gnats, & midges are prevalent.)

(Illustration of Mosquito Magnet® Biting Insect Equipment (devices) – Defender, Liberty, Liberty Plus, Freedom, Pro, Commercial Pro, and Pro Plus)

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STORAGE AND DISPOSAL

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

Storage: Store unopened attractant cartridge in a cool, dry place.

Disposal: Do not reuse attractant cartridge. Dispose of used attractant cartridge in the trash.

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Sublabel B: Indoor Use (LureVac®)

Lurex™ - Cubed

(alternate brand name: "Lurex™ 3; Lurex™ 3 Biting Insect Attractant")

Lurex™ Component

Active Ingredient:

Lactic acid 35.40%

Other Ingredients: 64.60%

Total:..... 100.00%

Ammonium Bicarbonate Component

Active Ingredient:

Ammonium Bicarbonate 74.63%

Other Ingredients: 25.37%

Total:..... 100.00%

Keep Out of Reach of Children

CAUTION

See (back panel) (insert label) (insert instructions) for (additional) Precautionary Statements and (full) Directions for Use.

EPA Reg. No.: (Pending as File Symbol 72563-U)

EPA Est. No.: 72563-RI-001

Net Contents: Contains 1 (lure) (cartridge).

25.5 g (XX oz.) for indoor use (lure) (cartridge)

Manufactured by:

American Biophysics Corporation

140 Frenchtown Road

North Kingstown, RI 02852 USA

Tel. (401) 884-3500

(Email: info@LureVac.com; outside of US: international@LureVac.com; www.lurevac.com)

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FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • 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 in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.</p>	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals.

Caution: Harmful if swallowed. Avoid contact of mouth, skin, or eyes with the evaporation holes. Wash hands before eating, drinking, chewing gum, using tobacco or using bathroom facilities.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

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

(Lurex™-Cubed is (a regional attractant) (a specially designed attractant) for hard to catch species such as the Asian Tiger mosquito (*Aedes albopictus*.)

(Usage Instructions)

Step 1- Remove the tamper evident seal from the Lurex™-Cubed attractant cartridge (see figure A). (The appearance of condensation on the inside of the cartridge is normal.)

Step 2- Peel off label from the Lurex™-Cubed cartridge base (see figure B).

Step 3- Insert cartridge into LureVac® attractant opening, with the knob facing towards you, in a vertical (12:00) direction (see figure C).

Step 4- For best results, turn the knob all the way to the right, to the "3 waves" setting. (see figure D).

Discard and replace entire Lurex™-Cubed attractant cartridge every 21 days, using a counter clockwise rotation (see figure E).

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(Illustration of (devices) – LureVac)

STORAGE AND DISPOSAL

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

Storage: Store unopened attractant cartridge in a cool, dry place.

Disposal: Do not reuse attractant cartridge. Dispose of used attractant cartridge in the trash.

Text on packaging of individual attractants

(Text on protective polybag, plastic cartridge or plastic seal covering of individual attractant cartridges)

Lurex™-Cubed (Manufactured by American Biophysics Corporation)
(U.S.) (Foreign) Patents Pending
See Instructions & Precautions Before Use
(Lot No. XXX)
(The appearance of condensation on the inside of the cartridge is normal.)

Optional Label Claims

Outdoor Use Claims (apply to Sublabel A only):

- (Outdoor) Biting Insect Attractant for Mosquito Magnet® traps.
- Designed for use with all Outdoor Mosquito Magnet® Traps.
- For outdoor use with Mosquito Magnet® (Defender) (Liberty) (Liberty Plus) (Freedom) (Pro) (Original Pro) (Commercial Pro) (Pro Plus) trap(s).
- Fits all Mosquito Magnet models.
- Designed exclusively for (use with) Mosquito Magnet traps – (fits all our models) (does not fit (other non-Mosquito Magnet traps) (competitive brand traps)).
- (Designed for) (Use) with all Mosquito Magnet® (traps) (biting insect defense systems).
- For Mosquito Magnet® Biting Insect (Equipment) (Defense Systems).
- (Increase(s)) your (Mosquito Magnet) catch rates.
- Increases (Mosquito Magnet) catch rates on targeted species that may carry West Nile virus and heartworm disease.
- Using (fresh) (new) attractants increases catch rates.
- Replace with a (fresh) (new) cartridge (every time you change your tank) (every 21 days).
- Added attractants further lure insects.

Indoor Use Claims (apply to Sublabel B only):

- (Indoor) Mosquito Attractant for LureVac™.
- Indoor Mosquito Attractant.
- Designed for use with LureVac™ Indoor Mosquito Control (Defense) System.
- For indoor use with LureVac™ (Indoor Mosquito Control (Defense) System).
- Attracts and captures mosquitoes that enter your home.
- For use inside your home, in your garage or enclosed porch.

General Claims (apply to both Sublabel A and Sublabel B):

- New! [Claim valid for 6 months from date of first stamp-approval only].
- Lurex™-Cubed (mosquito attractant).
- Introducing Lurex™-Cubed (mosquito attractant)
- Made in the USA.
- Patent Pending Lure.
- Replace (Lurex™-Cubed) (every 3 weeks) (after 21 days).
- Effective for 21 days.
- Single cartridge lasts up to 3 weeks.
- Odorless.
- Attracts (*Aedes albopictus*) Asian Tiger Mosquito.
- Lurex™-Cubed is a (new) (attractant) (technology) for mosquito control.
- Lures mosquitoes to (the) trap, (and) away from you and your family.
- Scientifically formulated attractant to lure mosquitoes into the trap where they dehydrate (and die).
- Lurex™-Cubed attracts mosquitoes, including those which may (transmit) (carry) West Nile virus (encephalitis) (diseases), (to the (pesticide device brand name) where they dehydrate (and die)).
- Mosquitoes may transmit West Nile virus and other viruses that cause encephalitis. They may also transmit heartworm disease to dogs and cats. Lurex™-Cubed attracts mosquitoes to the (pesticide device brand name) where they dehydrate (and die).
- Lurex™-Cubed attracts mosquitoes, including those which may (transmit) (carry) heartworm disease to dogs and cats.
- (Effective in attracting) (Targets) mosquito species, including those which may (transmit) (carry) diseases such as West Nile Virus and Encephalitis.
- Mimics naturally occurring short-range mosquito attractants including human skin (scents) (emanations) (odors).
- Mimics naturally occurring human skin (scents) (emanations) (odors) (which attract mosquitoes) (to which mosquitoes are attracted).
- Mimics naturally occurring human skin (scents) (emanations) (odors) which are short-

range mosquito attractants.

- Development of Lurex™-Cubed is based on naturally occurring (scents) (emanations) (odors) (emitted from) (found in) human skin.
- Developed for (targeting) (attracting) mosquitoes, including the Asian Tiger Mosquito.
- Lurex™-Cubed is the (new) mosquito attractant that mimics the scents from human skin.
- Developed to target (mosquitoes) (a wide range of biting insect species), including those (which) (that) may (transmit) (carry) diseases such as West Nile Virus (and) (Encephalitis)
- Developed for hard-to-catch species of mosquitoes and other biting insects, including those which may (transmit) (carry) West Nile Virus and Encephalitis.
- Mosquitoes and other biting insects use carbon dioxide (CO₂) to locate people. Once in close proximity, mosquitoes use short-range attractants such as (scents) (odors) emitted from the skin, to locate a target to bite.
- Mosquitoes are not only a nuisance; they may transmit diseases (such as West Nile virus and heartworm) that are a serious health threat to people and pets.
- Developed by American Biophysics Corporation, the pioneers in species-targeted mosquito attractants.
- American Biophysics is a scientific company that has isolated and synthesized short-range attractants and uses them for the purpose of targeting specific species of mosquitoes, especially those which may (transmit) (carry) diseases such as Encephalitis and West Nile Virus.
- For more information on mosquito species, attractants and how to get the most out of your Mosquito Magnet, visit us at www.mosquitomagnet.com.