

67419-1

2/9/2011

1 of 4



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

**February 9, 2011**

**James Burnett, President  
The Ecology Works, Inc.  
P.O. Box 9922  
West Palm Beach, FL 33419**

**Subject:** Label Amendment—Revising Duration claim to address efficacy conditions of registration, per email correspondence of 24 January, 2011.

**Product Name:** Ecology Works Insecticide

**EPA Reg. No.:** 67419-1

**Application Dated:** January 28, 2011

**Decision Number:** 444908

Dear Mr. Burnett:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy of the label is enclosed for your records

If you have any questions, you may contact Clayton Myers at (703) 347-8874 or [myers.clayton@epa.gov](mailto:myers.clayton@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Mark Suarez", with a stylized flourish at the end.

Mark Suarez, Product Manager  
Insecticide Branch  
Registration Division (7505P)

Enclosure:  
Stamped Label

2014

THE ECOLOGY WORKS®  
**Ecology Works Insecticide**

FOR PROTECTION AND TREATMENT OF CARPET AND UPHOLSTERED  
FURNITURE AGAINST FLEAS AND DUST MITES

**Kills Dust Mites and Fleas**

Insert Illustration of  
flea/and/or dust mite

**Ecology Works Guarantee**  
Satisfaction guaranteed or  
your money back!

Active Ingredient:  
Disodium Octaborate Tetrahydrate (Na<sub>2</sub>B<sub>8</sub>O<sub>13</sub>•4H<sub>2</sub>O) 98 %  
Inert Ingredients 2 %

Net Weight: 2 LBS.

**ACCEPTED**  
FEB - 9 2011  
Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for the  
pesticide registered under:

**CAUTION**

Keep out of reach of children  
See back panel for additional precautionary statements  
EPA Reg. No 67419-1  
EPA Est. No. 85804-NC-1 - EPA Est. No. 22909-CA-1 (see batch code for actual est. number)  
US Patent No. 5672362

EPA. Reg. No: 67419-1

3 of 4

### DIRECTIONS FOR USE

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

#### 1. FOR USE AS A SPRAY

Spray Application Mixing Directions:				
Amount Ecology Works Insecticide	1/2 Cup	1 Cup	2 Cups	8 Cups
Water	1 Quart	1/2 Gal	1 Gal.	4 Gal.
Treatment Area	50 sq. ft.	100 sq.ft.	200 sq. ft.	800 sq. ft.

For control of dust mites and fleas in carpet, first vacuum or deep clean carpet in normal fashion. In a clean bucket, mix 1 cup of ECOLOGY WORKS INSECTICIDE in 1/2 gallon of water and fill sprayer. Spray evenly to treat 100 square feet. A stiff brush or carpet rake will aid penetration on dense carpet pile

Before treating furniture, bedding, mattress or drapes, vacuum thoroughly, then test small area to evaluate staining. When treating couches and chairs, remove cushions and vacuum, then spray all crevices and undersides. Allow to dry before replacing cushions. Spray all pet sleeping areas, including pet bedding. DO NOT SATURATE.

Treat wood-floor cracks, crevices and baseboard with spray or mop, wipe excess solution off exposed surfaces with a dry towel. Treat concrete and dirt floors with a light spray. Avoid contact with treated surfaces until dry. Run clean water through sprayer to flush pump after use.

#### 2. USING A HOT-WATER VACUUM CARPET CLEANING MACHINE

Hot Water Vac Application Mixing Directions:				
Amount Ecology Works Insecticide	1/2 Cup	1 Cup	2 Cups	8 Cups
Amount Cleaning Solution / Water	1/2 Gal.	1 Gal	2 Gal.	8 Gal
Treatment Area	25 sq. ft.	50 sq. ft.	100 sq. ft.	400 sq ft

For control of dust mites and fleas in carpet, in a clean bucket, mix 1 cup\_ of ECOLOGY WORKS INSECTICIDE with each gallon of carpet cleaning solution and hot tap water (or plain hot tap water), then add solution to cleaning machine dispensing tank. Apply 1 gallon per 50 sq. ft .This process drives ECOLOGY WORKS INSECTICIDE deep into the carpet and the vacuum draws out dust mite and flea feces, dirt, body parts and excess solution (approximately half the amount of solution applied) into the recovery tank.

Before treating upholstery, bedding, mattress or drapes, vacuum thoroughly, then test small area to evaluate staining. Apply ECOLOGY WORKS INSECTICIDE using the upholstery cleaning head. Treat all surfaces including underside of cushions and the wells of furniture Allow to dry before replacing cushions. Run clean water through machine to flush spray pump after use.

Insert illustration of flea life cycle and or illustration of house dust mite treatment area

4 of 4

### TREATMENT INTERVAL

Ecology Works Insecticide is effective reducing dust mite and flea population densities 4-6 weeks after initial treatment. Flea populations are reduced by the control of flea larvae during this time. Do not apply more than once every 8 weeks. Treatment lasts up to six months.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in original closed container in a dry place. Do not store where children or animals may gain access. Do not reuse this container for any other purpose.

**PESTICIDE DISPOSAL:** Discard excess or used product in drain with running water. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in trash, or sanitary landfill.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. Causes eye irritation. Avoid contact with eyes. Wash thoroughly after handling. Do not treat pets directly with this product. Have product label with you when calling poison control center, doctor, or going for treatment

<b>FIRST AID</b>	
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>❖ Call a poison control center or doctor immediately for treatment advice..</li> <li>❖ Have person sip glass of water if able to swallow</li> <li>❖ Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>❖ Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>❖ Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>❖ Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> </ul>
<b>IF ON SKIN</b>	<ul style="list-style-type: none"> <li>❖ Call a poison control center or doctor for treatment advice.</li> <li>❖ If skin is intact no treatment is necessary.</li> <li>❖ If skin abrasions exist, wash with soap and water.</li> <li>❖ Wash clothing prior to reuse.</li> </ul>
<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>❖ Move person to fresh air.</li> <li>❖ If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>❖ Call a poison control center or doctor for further treatment advice.</li> </ul>

For 24 hour emergency assistance only call 800-228-5635.

For customer service: 888-353-2649. Weekdays 9-5 Visit [www.ecologyworks.com](http://www.ecologyworks.com) for more allergy information.

Manufactured in the USA by The Ecology Works Inc., PO Box 9922, W. Palm Beach, Fl 33419