



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

EPA Reg. Number

Date of Issuance

33657-7

NOV 27 2001

Term of Issuance Conditional
Registration until March 1, 2004

Name of Pesticide Product:

Etofenprox 3 Emulsifiable
Concentrate

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Mitsui Chemicals, Inc.
2500 Westchester Avenue, Suite 110
Purchase, New York 10577

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration 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) since you agreed in your letter dated November 6, 2001 that:

1. You will submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. You will submit production information (pounds or gallons produced) for this product for the fiscal year in which the use is conditionally registered, in accordance with FIFRA section 29. The fiscal year begins October 1 and ends September 30. The production information will be submitted to the Agency no later than November 15 following the end of the preceding fiscal year.

This information should be submitted to:

U.S. Environmental Protection Agency
Office of Pesticide Programs (7504C)
Document Processing Desk
Ariel Rios Building
1200 Pennsylvania Avenue, NW
Washington, D.C. 20460

Signature of Approving Official:

Date:

November 27, 2001

3. You will submit the listed data below, conducted in accordance with the 40 CFR Part 158 test guidelines referred to below:

<u>Title of Study</u>	<u>Guideline Reference Number</u>	<u>Date Due</u>
Acute and Subchronic Neurotoxicity	870.6200	March 1, 2003
Developmental Neurotoxicity	870.6300	September 1, 2003
Residential "Indoor Surface Residue Dissipation Study following Total Release Product Use"	875.2300	September 1, 2003
Residential "Indoor Air Concentration Measurements following Total Release Product Use"	875.2500	September 1, 2003
Product Performance Data for cockroaches, fleas, ticks, and mosquitoes	810.3500 810.3400	September 1, 2002

You will submit protocols prior to conducting the above studies for Agency review and approval.

4. You will make the following label changes before you release the product for shipment:

- a. Add the phrase "EPA Registration No. 33657-7".

5. The submitted Child Resistant Packaging (CRP) Certification is acceptable and in compliance with standards of 40 CFR 157.32. We note that CRP will only be used for pint and quart size packages. The 5 gallon size is exempt in accordance with the CRP regulations.

6. Submit three (3) copies of your final printed labeling before releasing the product for shipment.

You should note that if you fail to satisfy any of the conditions imposed on this registration, e.g., you fail to submit the required data by the specified deadlines or the data submitted were not generated in accordance with applicable test guidelines, EPA may issue notice to cancel this use under FIFRA 6(e).

You should also note that, regardless of whether you satisfy all applicable conditions, this conditional registration will expire automatically on March 1, 2004. Sale and distribution of the subject product bearing labeling for residential sites, commercial and industrial establishments and institutions after March 1, 2004 will be illegal.

Finally, once the required data have been submitted and evaluated, EPA will entertain an application to amend the registration of the subject product to allow unconditional use in residential sites, commercial and industrial establishment and institutions.

A stamped copy of your product label is attached along with copies of the most recent data evaluation reviews for product chemistry, acute toxicology, and Child Resistant Packaging.

Sincerely,

George LaRocca
Product Manager 13
Registration Division (7505C)
Insecticides Branch

Enclosure

4 3 8

ACCEPTED
with COMMENTS
in EPA Letter Dated

NOV 27 2001

[FRONT CONTAINER LABEL]

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended for the pesticide
registered under EPA Reg. No.

33657-7

RF-347 E.C.

**(ETOFPENPROX 3
EMULSIFIABLE CONCENTRATE)**

Effectively Kills Roaches, Ants, Fleas, Ticks, Crickets, Sowbugs (Pillbugs), Silverfish, Carpenter
Ants, Boxelder Bugs, Earwigs, Ground Beetles, Spiders, Carpet Beetles, Flies, Wasps, Bees,
Saw-toothed Grain Beetles, Red Flour Beetles, Confused Flour Beetles, & Cigarette Beetles

For Use in Private Residences and the Non-Food/Feed Areas of Commercial Establishments.

Use In Homes, Apartments Buildings, The Non-Food/Feed Areas of Hotels, Stores, Warehouses,
Office Buildings, Schools, Nursing Homes, Hospitals, Industrial Buildings, Vessels, Rail Cars,
Trucks, Trailers & Aircrafts

For Use Only by Pest Control Operators or Commercial Applicators.

Low-Odor Formulation

Active Ingredient:

Etopenprox [2-(4-Ethoxyphenyl)-2-methylpropyl 3-phenoxybenzyl ether] 32.50%

Inert Ingredients: 67.50%

Total: 100.00%

Contains 2.8 lbs. Etopenprox per gallon.

KEEP OUT OF REACH OF CHILDREN

DANGER

See back panel for additional precautionary statements.

NET CONTENTS _____ (_____ METRIC EQUIVALENT)

EPA REG. NO. 33657-7

EPA EST. NO.

5 7 8

[BACK CONTAINER PANEL - PAGE 1]

Etofenprox 3 Emulsifiable Concentrate is a low-odor formulation for effective residual control of Cockroaches, Ants, Fleas, Ticks, Crickets, Sowbugs (Pillbugs), Silverfish, Carpenter Ants, Boxelder Bugs, Earwigs, Flies, Spiders and other listed insects.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage. Causes skin irritation. Harmful if absorbed through skin. Do not get in eyes, on skin or on clothing. Wear goggles or face shield. Remove contaminated clothing and wash clothing before reuse. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

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.
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage.	

PHYSICAL OR CHEMICAL HAZARDS

Do not use this product in or on electrical equipment due to the possibility of shock hazard.

678

[BACK CONTAINER PANEL - PAGE 2]

DIRECTIONS FOR USE

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

READ THE ENTIRE LABEL PRIOR TO USE. USE STRICTLY IN ACCORDANCE WITH ALL LABEL PRECAUTIONS AND DIRECTIONS.

Use in buildings and structures such as homes, apartments, hotels, offices, stores, warehouses, schools, nursing homes, hospitals, industrial buildings, vessels, rail cars, trucks, trailers and aircrafts.

Note: Do not apply to classrooms when in use. Do not use in aircraft cabins. Do not apply to patient rooms in hospitals and nursing homes while occupied. For use in the non-food and non-feed areas of food and feed handling establishments. Do not use in food or feed areas of food or feed handling establishments, restaurants or other areas where food or feed is commercially prepared or processed. Do not use in serving areas while food is exposed or the facility is in operation. Serving areas are areas where prepared foods are served, such as dining rooms but excluding areas where foods may be prepared or held. Remove food from food serving areas of commercial establishments prior to treatment. Wash all exposed food serving/handling surfaces thoroughly with potable water following treatment and before use. In homes, remove all food and cooking utensils. Cover all food handling surfaces and wash thoroughly after treatment and before use. Repeated exposure to etofenprox can cause skin irritation.

Non-food and non-feed areas of food and feed establishments are areas such as garbage rooms, lavatories, floor drains (to sewer entries and vestibules), offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning and bottling).

Etofenprox 3 Emulsifiable Concentrate, when used as directed, is non-staining and will not damage fabrics, painted or other surface types. However, some natural fibers (such as wool) and synthetics may be adversely affected by any liquid product.

Always spot test on a hidden area prior to making a full treatment. Do not apply to wood surfaces as water spotting may occur.

Do not apply undiluted Etofenprox 3 Emulsifiable Concentrate in homes, apartments, condominiums and schools.

DILUTION AND SPRAY INSTRUCTIONS: Mix and apply Etofenprox 3 Emulsifiable Concentrate at a 0.5% active ingredient content rate. To prepare a 0.5% dilution, use 0.25 fl. ozs. of Etofenprox 3 Emulsifiable Concentrate in 16 fl. oz. of water. For best results, fill spray container with 1/3 the required amount of water, add the appropriate amount of Etofenprox 3 Emulsifiable Concentrate and finish filling spray container with balance of water needed.

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[BACK CONTAINER PANEL - PAGE 3]

Adjust sprayer nozzle to deliver thin stream of product. 16 fl. oz. of diluted product should treat the baseboards of one average size home.

Repeat treatments to infested areas as necessary at intervals of 14 days or greater. Do not make more than 6 applications per site per year.

Etofenprox 3 Emulsifiable Concentrate may be tank mixed with Insect Growth Regulator's (IGR's) to control pre-adult stages of certain insects.

For Cockroaches, Ants, Crickets, Firebrats, Sowbugs (Pillbugs), Spiders, and Silverfish: Apply as a spot, crack and crevice or baseboard treatment to areas where these insects may be found or hide. This may include dark corners of rooms and closets; cracks and crevices in walls or floors; along baseboards, door and window frames; behind and beneath sinks, stoves, refrigerators, cabinets, and around garbage containers, plumbing and utility installations. Insects driven out of hiding should be sprayed directly. **For Ants:** Apply to ant trails, also around doors and windows and wherever else ants may find entrance. .

For Carpenter Ants: Apply as a spot treatment to ant trails; around doors and windows; in wall voids and other indoor areas where carpenter ants are found or may enter the premises. Where accessible, directly spray indoor areas where ant nests or infested wood is located.

For Boxelder Bugs, Earwigs, and Ground Beetles: Apply as a spot, crack and crevice or baseboard treatment. Treat around doors, windows and other areas where these insects could enter the premises. Make localized applications to other areas where these insects are seen or suspected.

For Fleas and Ticks: Treat all baseboard areas and room perimeters, as well as cracks and crevices in hard surface floors. Spot treat additional areas where fleas may be present. These areas include under furniture, under the edges of floor coverings, dark corners, and favorite resting spots or other places your pet frequents. Provide a good, even treatment, but do not soak the areas you treat. Humans and pets should avoid contact with treated areas until spray has thoroughly dried.

A total management program best controls fleas. It is suggested that infested areas be thoroughly vacuumed prior to treatment. The vacuum cleaner bag should be discarded immediately in an outdoor trash container. Continue to discard vacuum cleaner bags until flea infestation has been brought under control. For effective flea control, it is very important to control the source of the flea infestation. This can require treatment of pets with a product registered for flea control and treatment of outdoor areas frequented by pets or infested areas.

[BACK CONTAINER PANEL - PAGE 4]

STORAGE AND DISPOSAL

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

Storage: Store in a cool, dry, ventilated area away from humans, pets, food or feedstuffs.

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 - Metal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of on site or at an approved waste disposal facility.

Container Disposal - Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerator, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY AND CONDITIONS OF SALE: MITSUI CHEMICALS, INC. WARRANTS THAT THE CHEMICAL COMPOSITION OF THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL WHEN USED IN ACCORDANCE WITH DIRECTIONS UNDER NORMAL CONDITIONS OF USE. MITSUI CHEMICALS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE USE OF THIS PRODUCT OTHER THAN AS INDICATED ON THE LABEL. BUYER ASSUMES ALL RISKS OF USE, STORAGE AND HANDLING OF THIS MATERIAL NOT IN STRICT ACCORDANCE WITH DIRECTIONS GIVEN ON THE LABEL.

MITSUI CHEMICALS, INC.
KASUMIGASEKI BLDG.
3-2-5 KASUMIGASEKI, CHIYODA-KU
TOKYO 100-6070, JAPAN