

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (75-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

DATE OF ISSUANCE

JAN - 6 1994

56-67  
TERM OF ISSUANCE

Until Reregistration  
NAME OF PESTICIDE PRODUCT

Eaton's K.I.T (Kills Insects Only) System

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

J. T. Eaton & Co.  
1393 Highland Road  
Twinsburg, OH 44087

16154490-32  
BV

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 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. Make the labeling changes listed below before you release the product for shipment:

- a. As stated in our letter dated August 26, 1993, you must delete the last question and answer on the information pamphlet.

3. Submit five copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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 yours,

George T. LaRocca  
Product Manager 13  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

January 6, 1994

14/29/93

# EATON'S K.I.O.

(Kills Insects Only)



## SYSTEM



### FOR YOUR INFORMATION

EPA Reg. No. 56-67. Refer to label affixed to product for complete Directions and Precautions in using.

HERE ARE FACTS ABOUT EATON'S K.I.O.  
(Kills Insects Only) SYSTEM,  
that you should know.

Q. What is the active ingredient (Silicon Dioxide) that is used in EATON'S K.I.O. (Kills Insects Only) SYSTEM?

A. Silicon dioxide is the skeletons of single celled aquatic plants called diatoms.

Q. Where does Silicon Dioxide as used in K.I.O. come from?

A. Silicon dioxide is mined from large geological deposits formed millions of years ago where inland seas and fresh water lakes occurred.

Q. How does Silicon dioxide as used in K.I.O. work?

A. The individual particles of Silicon Dioxide are very hard and have many sharp edges and protuberances. These scratch the waxy covering of an insect's surface allowing the escape of internal body fluids. Further, as dry Silicon Dioxide absorbs substantial amounts of liquid it acts as a desiccant and actually draws the fluids from the insects body.

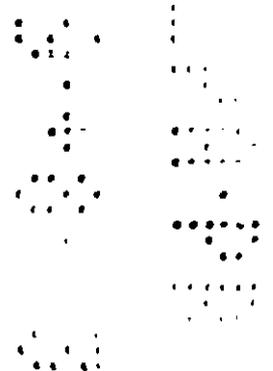
Q. How long does Silicon Dioxide as used in K.I.O. take to be effective.?

A. Because of the mechanical rather than chemical mode of effect of Silicon Dioxide it takes longer to cause widespread insect death than most chemicals, usually one day to fifteen days or more. However, once in place Silicon Dioxide remains effective as long as it remains dry.

Q. How hazardous is Silicon Dioxide as used in K.I.O.?

A. Silicon Dioxide as used in K.I.O. is non-toxic to all vertebrates and is used in livestock feedstuffs as well as in areas where food for human consumption may be exposed. It is classified as "Generally regarded as Safe" by the Food and Drug Administration.

For additional information, write Dr. Michael Godfrey,  
Director of Research and Development, J. T. Eaton  
& Co., Inc. Twinsburg, OH 44087



# EATON'S® K.I.O.™

(Kills Insects Only)

## SYSTEM

For Control of Crawling Insects

- Home & Residential ●
- Business & Commercial ●
- Stored Grain & Seed ●

### FOR CONTROL OF FOOD INFESTING and NUISANCE INSECT PESTS

Ants, Boxelder bugs, Cockroaches, Crickets, Houseflies resting on treated surfaces, Elm Leaf Beetles, Fleas, Silverfish, Ticks, Sowbugs, Millipedes.

### FOR CONTROL OF STORED GRAIN INSECT PESTS

Rice Weevils, Lesser Grain Borers, Flat Grain Beetles, Saw Toothed Grain Beetles, Granary Weevils, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moth (larvae), Red Flour Beetles, and Confused Flour Beetle.

ACTIVE INGREDIENTS 100%  
Diatomaceous Earth (including silicon dioxide, other oxides and moisture)

KEEP OUT OF REACH OF CHILDREN  
CAUTION

**PRECAUCIONAL USUARIO** Si usted no lee bien, no use este producto hasta que la etiqueta haya sido explicada completamente. **Statement of Practical Treatment: IF IN EYES** immediately flush eyes with plenty of water. Call a physician if irritation persists. **IF INHALED** Remove to fresh air. Contact a physician. **SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

EPA Reg. No. 56-67

EPA Est. No. 56-OH-1

Net Weight 6 Ounces (8 Oz., 1 lb., 10 lbs.)

Mixed and Manufactured in the U. S. A.

**J. T. Eaton & Co., Inc.**

1393 East Highland Rd. - Twinsburg, OH 44087 U.S.A.

EATON'S® is a Reg. Trademark and K.I.O. a Trademark of the J.T. Eaton & Co., Inc.

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION** Avoid breathing dust. Avoid contact with eyes. Use with adequate ventilation. For commercial and prolonged application wear a suitable dust mask approved by NIOSH/OSHA, minimum NIOSH 21c 132b.

#### PHYSICAL AND CHEMICAL HAZARDS

Non-combustible, highly flammable. Product must be completely dry to retain insecticidal value.

#### STORAGE AND DISPOSAL

Do not contaminate water, lake or food by storage or disposal. **STORAGE** Store product in its original container in a warm, dry, frost-free place 2-4 at each of 1000.

**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 - HOUSEHOLD** Do not reuse empty container. Wrap container in several layers of newspaper and discard in trash.

**DIRECTIONS FOR USE** It is a violation of Federal law to use this product in a manner inconsistent with its labeling. May be used by Pesticide Operators. Excess product may be removed by vacuum, mop, sponge or dampened cloth.

**EATON'S K.I.O. (Kills Insects Only) SYSTEM**  
kills insects by absorbing the fluids  
right out of their bodies!  
insects dry-up! .... and die!

#### GENERAL DIRECTIONS

EATON'S K.I.O. (Kills Insects Only) SYSTEM contains Silicon Dioxide natural composed of millions of minute, faceted single-celled aquatic plants known as diatoms which were deposited on the earth a couple millions of years ago. The product has a unique characteristic and ability to absorb almost twice its weight in fluids.

EATON'S K.I.O. (Kills Insects Only) SYSTEM kills insects by absorbing moisture and breaking down the only protective substance which covers the insect's body: eggs and other moulting parts. Death results from dehydration (drying out), since EATON'S K.I.O. (Kills Insects Only) SYSTEM absorbs up to 50% of the insects' fluids. An insect's body is approximately 60% water and when as little as 30% dehydration occurs the insect will die. Without water to replace such losses, domestic species of cockroaches and ants die within 1 to 7 days.

With EATON'S K.I.O. (Kills Insects Only) SYSTEM there is an initial kill followed by the greater, steady kill of the remaining insects. It remains effective until destroyed and will continue to kill insects as long as the product stays dry.

### 1 HOME / RESIDENTIAL PEST CONTROL

Shake the contents of EATON'S K.I.O. (Kills Insects Only) SYSTEM vigorously to full the product. To apply, open cap and sprinkle through applicator to insects killed by EATON'S K.I.O. (Kills Insects Only) SYSTEM.

When used as directed EATON'S K.I.O. (Kills Insects Only) SYSTEM effectively kills the following insects: Ants, Boxelder bugs, Cockroaches, German, American and Brown Browsers, Crickets, Garden Spies, crawling spider, ticks or other arachnids, Houseflies, crawling on treated surfaces, Elm Leaf Beetles, Fleas, Millipedes, Silverfish, Sowbugs, Ticks.

#### SPECIFIC AREAS TO APPLY

Apply behind doors, refrigerators, under sinks, along baseboards, under the edges of rugs in cracks and crevices, in window/door weather strips and under openings, on and beneath dry patches and under plates where insects may congregate and other places where insects are seen or heard. Product is not effective in damp areas. For good house keeping practices treat these areas with an approved liquid household disinfectant. For control of crawling insects (including cockroaches) indoors apply EATON'S K.I.O. (Kills Insects Only) SYSTEM lightly to empty areas where crawling insects are seen, heard or have become a nuisance. For control, insects need contact with the product.

**For Ants**, applying EATON'S K.I.O. only treat and absorb and to areas of infestation and activity such as their windows, screens, patches, baseboards, sills, and cracks and openings.

**For Crickets**, for control of all crickets, including, under board areas, and in get rid of them. Shouting crickets in the home may also be treated. Repeat any product with crickets as needed. Do not re-treat the product into or

#### GENERAL USE AREAS

Restaurants, Apartments, Condominiums, Restaurants, Offices, Warehouses, Theaters, Hospitals, Nurseries, Nurseries, Farms and Food processing establishments, Aircraft, Cruise Ships, Restaurants, Garages, it may also be applied in areas of the home during construction such as attics and under wall and partition before finished.

For use on the Federal Government, Family, and Residential Act is provided, for the pesticide registered under EPA Reg. No.

576-67

### 2 BUSINESS PEST

Commercial Food Processing, Eating Establishments, Food/ Grocery Marketing, Not for use in US For Food

Apply to control the insect pests on site in areas where food is stored in: Biscuits, Cakes, Cookies, Bread, Corn Meal, Pasta, etc. As a crack and crevice filling equipment designed to trap or kill insects which pests have to enter and feed on. Treat open cracks, crevices and behind equipment of the insect pests and visible area.

Apply to control the insect pests on site in areas where food is stored in: Biscuits, Cakes, Cookies, Elm Leaf Beetles, Fleas, Silverfish, Ticks, Sowbugs, Millipedes, etc. in hallways, restrooms, under floor tiles and baseboards, under and behind equipment of the insect pests and visible area.

### 3 STORED PEST

EATON'S K.I.O. (Kills Insects Only) SYSTEM kills insects by absorbing moisture and breaking down the only protective substance which covers the insect's body: eggs and other moulting parts. Death results from dehydration (drying out), since EATON'S K.I.O. (Kills Insects Only) SYSTEM absorbs up to 50% of the insects' fluids. An insect's body is approximately 60% water and when as little as 30% dehydration occurs the insect will die. Without water to replace such losses, domestic species of cockroaches and ants die within 1 to 7 days.

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#### HOW TO TREAT EMPTY

Apply lightly approximately one 1/2 per storage area. Where possible, use vacuum and other means to remove the product or control the product to three days to eliminate insects. Repeat each time the storage area is

#### HOW TO APPLY

Treat grain and seed in areas where EATON'S K.I.O. may be applied to the grain. Adjust the machine amount of granulation apply EATON'S K.I.O. directly onto each ear of grain. Dry product may be dispersed via the granulation into storage by auger or conveyor of stored grain regularly.

**REMARKS:** Treated grain will have and the grain and seed weight may contain of grain or seed residue or

#### HOW TO PROTECT

Thoroughly mix 1 cupful (2 1/2 oz.) of 25 lbs. of paper or other material of grain silos and "topsoil" 5 or 8 gal.

**NOTES:** Repeat and other treatments of grain and seed in accordance with the label (EPA Reg. No. 576-67)

BEST AVAILABLE COPY