

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATIONS DIVISION (TS-767) WASHINGTON, DC 20460		EPA REGISTRATION NO. 35977-4	DATE OF ISSUANCE OCT 2 - 1985
NOTICE OF PESTICIDE! <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)		TERM OF ISSUANCE NAME OF PESTICIDE PRODUCT LOGIC Fire Ant Bait	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code) <div style="text-align: right; font-size: 1.2em; margin-top: 20px;"> 121 7154 058 18.1 </div> <div style="margin-top: 20px;"> MAAG Agrochemicals Kings Highway P.O. Box X Vero Beach, FL 32960 </div>			
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)(C), since you have agreed to the conditions in our letter of SEP 11 1985 .			
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).			
A stamped copy of the label is enclosed for your records.			
Sincerely yours, Timothy A. Gardner Product Manager (17) Insecticide-Rodenticide Branch Registration Division (TS-767)			
Enclosure			
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		SIGNATURE OF APPROVING OFFICIAL	
		DATE 10-2-85	

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Mock Up /

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/First Panel
8-12-85

LOGIC™
Fire Ant Bait

An Insect Growth Regulator for the Control of Fire Ants

ACCEPTED
with COMMENTS
in EPA Letter Dated:

KEEP OUT OF REACH OF CHILDREN

OCT -2 1985

CAUTION

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
35977-4

See Back Panel for Additional Precautionary Statements

Active Ingredient..fenoxycarb(Ethyl[2-(4-phenoxyphenoxy)ethyl]carbamate)...1%
Inert Ingredients.....99%
100%

1 lb contains 0.16 oz active ingredient

EPA Reg. No. 35977-4

EPA Est No 33560-TN-1

NET CONTENTS: 10 oz (4 or 25 lbs)

Maag Agrochemicals Inc., P. O. Box 6430, Vero Beach, FL 32961-6430

LOGIC FIRE ANT BAIT

/Second Panel
8/12/85

LOGIC[™] FIRE ANT BAIT

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

C A U T I O N
- - - - -

May be harmful if swallowed. Avoid breathing dust. Avoid contact with clothing, skin or eyes.

STATEMENT OF PRACTICAL TREATMENT

In case of contact, flush skin or eyes with plenty of water. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. Drift and runoff from treated areas may be hazardous to aquatic invertebrates in adjacent aquatic sites. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

STORAGE AND DISPOSAL

Pesticide disposal: Do not contaminate food or feed by storage or disposal. Store away from heat. Keep container tightly closed. Do not re-use container. Securely wrap container in several layers of newspaper and discard in trash.

LOGIC FIRE ANT BAIT

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DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. DO NOT USE ON PASTURE, RANGELAND OR OTHER GRAZED AREAS.

LOGIC fire ant bait is an insect growth regulator with a mode of action specific to insects, and therefore has less influence on non-target organisms. LOGIC fire ant bait is slow acting, but very effective for control of fire ants.

LOGIC fire ant bait is very easy and convenient to apply (see use directions below). Following application LOGIC fire ant bait is collected by worker ants and distributed throughout the colony. Within 3 to 5 weeks there is considerable ant mortality and a continual decline of the fire ant colony.

METHODS OF APPLICATION

Apply LOGIC bait when ants are actively foraging. This is usually when soil temperatures are above 60° F. Avoid application during excessively hot periods of the day or when the grass is wet. Heavy rainfall within 2 or 3 hours of application may reduce effectiveness.

FOR USE ON TURF, LAWNS AND OTHER NON-AGRICULTURAL LAND SUCH AS: LAWNS, TURF, AIRPORTS, PARKS AND GOLF COURSES.

In cases where reinfestation occurs or when very large mounds remain active, retreatment may be desirable after 3 to 4 months.

Do not apply to pasture, rangeland or other areas which may be grazed by cattle, sheep or other domestic animals.

Single Mound: Apply 1 to 3 level tablespoons of LOGIC bait per mound uniformly distributing material 3 to 4 feet around the base of the mound. Do not contaminate kitchen utensils by use or storage.

Broadcast Application: Apply uniformly with ground equipment calibrated to give the correct dosage. Apply at 1 to 1.5 lb/A.

WARRANTY AND LIMITATIONS OF DAMAGES

Maag Agrochemicals Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the inherent risks referred to therein. Maag Agrochemicals Inc. makes no other express or implied warranty of fitness of merchantability, and no agent of Maag Agrochemicals Inc. is authorized to do so except in writing with a specific reference to this warranty. Any damages arising from breach of this warranty shall be limited to direct damages and shall not include consequential, commercial, special or indirect damages such as loss of profits or values, etc., resulting from the use or handling of this product.

OCT -2 1985

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

35977-4

Maag Agrochemicals Inc.
P. O. Box 6430
Vero Beach, FL 32961-6430
(305) 567-7506

FENOXYCARB TECHNICAL
Insect Growth Regulator for Manufacturing Use

FENOXYCARB is an insect growth regulator which has excellent insecticidal properties due to its strong juvenile hormone activity.

Recommendations For Using Fenoxycarb Technical

Fenoxycarb Technical is a manufacturing use product containing 93-96% active ingredient that is intended for use in the production of registered fenoxycarb based formulations such as:

- 1% fire ant baits

Detailed use directions depend on the desired product. The final product should conform to formulations which are currently registered with the U.S.EPA. It is the responsibility of the formulator to register their product with the U.S.EPA.

Use Precautions

The following precautions should be used in handling Fenoxycarb Technical:

May be harmful if swallowed. Avoid breathing dust. Avoid contact with clothing, skin or eyes. In case of contact, flush skin or eyes with plenty of water. Get medical attention if irritation persists.

Fenoxycarb is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluents containing this product into sewer systems without previously notifying the sewage treatment plant authorities. For guidance, contact your state water board or regional office of the EPA.

Pesticide Disposal: Do not contaminate food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

- 2 -

Personal Protective Equipment

Avoid breathing dust. Avoid contact with clothing, eyes or skin. wear respirator, safety gloves and goggles if necessary. Launder outer garments if exposed to dusts or spills.

First Aid Procedures

Contact with Eyes or Skin: Immediately flush eyes on skin with plenty of water. Get medical attention if irritation persists.

Inhalation : Remove victim to fresh air. Get medical attention if victim shows signs of toxicity.

Ingestion : Induce vomiting with syrup of ipecac. Get medical attention.

Container

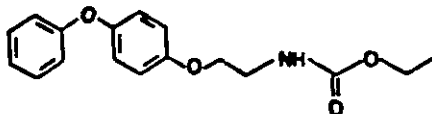
Fenoxycarb technical is available in 50 kg polyethylene lined fiber board drums.

Physical and Chemical Properties--Fenoxycarb Technical

Common Name : Fenoxycarb (ISO proposed)

Chemical Name : Ethyl [2-(4-phenoxyphenoxy) ethyl]carbamate

Synonyms : Ro 13-5223

Structure : 

Empirical Formula : $C_{17}H_{19}O_4 N$

Molecular Weight : 301.3

Purity : 93 - 96% active

Form : tan solid

Odor : Unique

Color : Light brown or tan

Density : Solid varies

Melting Point : 53-54° C (Pure)

-3-

Vapor Pressure (25° C) : 1.3×10^{-7} Torr = 1.7×10^{-7} mbar

Log P (octanol/water) : 4.28

Solubility : To 6 mg/l in water. Very soluble (>250 g/l solvent) in most organic solvents (e.g. acetone, chloroform, diethylether, dimethylformamide, ethyl-acetate, methanol, toluene). Slightly soluble in hexane (5 g/l solvent.)

Stability : This product is stable under normal conditions. No hydrolysis was observed in aqueous solution at pH 3, 7, and 9 at 35 or 50° C.

