

PM 04

1812-431

9/29/99

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (87505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

1812-431

Date of Issuance:

SEP 29 1999

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Griffin Methyl
Parathion Technical

Name and Address of Registrant (include ZIP Code):

Griffin L.L.C.
P.O. Box 1847
Valdosta, GA 31603-1847

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) provided that you:

1. Submit and/or cite all data required for registration 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. Make the following label changes before you release the product for shipment:

- a. Add the designation, "EPA Reg. No.1812-431".
- b. Update the last sentence in the REFORMULATION section on page 5 of the label to read as it appears on the attached copy of the registered Cheminova technical label.
- c. The word, poison must appear in red on a background of distinctly contrasting color.

3. Submit (or cost share consistent with the provisions of section 3 (C) of FIFRA) to EPA for review no later than September 1, 2000 acceptable worker exposure studies that provide relevant information for each use listed on your product labeling.

Signature of Approving Official:

Date:

SEP 29 1999

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4. As specified in the April 20, 1998 Notice of Registration for the 1812-399 product, you must comply with all outstanding Data Call In (DCI) Notices within the time frames specified in the DCI Notice.

As requested in your letter of August 13, 1999, the conditions of paragraph 8 of the August 1999 Memorandum Of Agreement Between the Environmental Protection Agency and Signatory Registrants Regarding the Registration of Pesticide Products Containing Methyl Parathion (MOA) are accepted by the Agency as conditions of the subject registration.

Failure to comply with any of the conditions of registration set forth in Paragraph 8 of the MOA shall be grounds for cancellation of the affected registration(s) under FIFRA section 6(e).

5. Submit two copies of the revised final printed label before you release the product for shipment.

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,



Marilyn A. Mautz
Biologist
Insecticide-Rodenticide Branch
Registration Division (7504C)

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FOR FORMULATION OF INSECTICIDES ONLY

GRIFFIN METHYL PARATHION TECHNICAL

ACTIVE INGREDIENTS

(O,O-Dimethyl-O-(4-nitrophenyl) phosphorothioate.....	77%
Related Compounds.....	3%

INERT INGREDIENTS

Xylene	18%
Other inerts	<u>2%</u>

TOTAL	100%
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KEEP OUT OF REACH OF CHILDREN

ORGANOPHOSPHATE

ACCEPTED
with COMMENTS
in EPA Letter Dated:

DANGER - PELIGRO

SEP 29 1999

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

1812-431



[Note: The skull and crossbones
symbol and the word "POISON"
will be printed in red ink.]

POISON

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand this label, find someone to explain it to you in detail).

STATEMENT OF PRACTICAL TREATMENT

This product contains an organophosphate and is a cholinesterase inhibitor.

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to methyl parathion and describe his condition. After first aid is given and if a doctor cannot come, take victim to clinic or hospital.

IF BREATHING HAS STOPPED, start artificial respiration immediately and maintain until doctor sees victim.

IF SWALLOWED, drink 1 or 2 glasses of water and induced vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

IN CASE OF CONTACT, immediately flush eyes or skin with plenty of water. See doctor immediately.

NOTE TO PHYSICIAN: Antidote -- administer atropine sulfate in large doses, TWO to FOUR mg. intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 5 to 10 minute intervals until signs of atropinization appear. 2-PAM chloride is a pharmacologic antidote and may be administered in conjunction with atropine as an adjunct to, but not a substitute for, atropine which is a symptomatic and often lifesaving antidote. DO NOT GIVE MORPHINE OR TRANQUILIZERS. Methyl parathion is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. At first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of the poison may occur and fatal relapses have been reported after initial improvement; VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

POISON - SEE SIDE PANELS FOR ANTIDOTE AND PRECAUTIONS

GRIFFIN L.L.C.
Valdosta, Georgia 31601

EPA Reg. No. 1812-431
EPA Est. No. _____

Net Contents _____

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

FATAL (POISONOUS) IF SWALLOWED. This product can kill you if swallowed even in small amounts: spray mist or dust may be fatal if swallowed.

FATAL (POISONOUS) BY SKIN CONTACT. This product can kill you if touched by hands or spilled or splashed on skin, in eyes or on clothing (liquid goes through clothes).

FATAL (POISONOUS) IF BREATHED. This product can kill you if vapors, spray mist or dust are breathed.

PERSONAL PROTECTIVE EQUIPMENT

PROTECTIVE CLOTHING

-) This product may be fatal if swallowed, inhaled, or if allowed to contact skin. Failure to properly follow all instructions for protective clothing and equipment will increase your risk.

Use only when wearing the following protective clothing and equipment:

Applicators and other handlers must wear:

- Waterproof pants, coat, hat, rubber boots or rubber overshoes.
- Safety goggles.
- NIOSH approved respirator.
- Heavy duty, natural rubber gloves.

WORKER SAFETY RULES

-) REPEATED EXPOSURES TO CHOLINESTERASE INHIBITORS SUCH AS ARE CONTAINED IN THIS PRODUCT MAY, WITHOUT WARNING, CAUSE PROLONGED SUSCEPTIBILITY TO VERY SMALL DOSES OF ANY CHOLINESTERASE INHIBITOR.

Persons working with this product should have frequent blood tests of their cholinesterase levels. If the cholinesterase level falls below a critical point, no further exposure should be allowed until it has been determined by means of blood tests that the cholinesterase level has returned to normal. Before using this product, consult the State Agricultural Extension Service or Experimental Station for specific recommendations regarding such blood tests.

Keep all unprotected persons and children away from working area.

Do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. Call a doctor (physician), clinic or hospital - Immediately. Explain that the victim has been exposed to methyl parathion and describe his condition. After first aid is given (see Statement of Practical Treatment) and if a

doctor cannot come, take victim to clinic or hospital.

If handled indoors, provide mechanical exhaust ventilation.

IMPORTANT! Before removing gloves, wash them with soap and water. Always wash hands, face and arms with soap and water before smoking, eating or drinking.

AFTER WORK, take off all work clothes and shoes. Shower, using soap and water. Wear only clean clothes when leaving the job. Do not wear contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. Respirator should be cleaned and filter replaced according to instructions included with respirator.

POISON SIGNS (SYMPTOMS)

Methyl parathion is a very dangerous poison. It rapidly enters the body on contact with all skin surfaces and eyes. Clothing wet with material must be removed immediately. Exposed persons must receive prompt medical treatment or they may die.

Some of the signs and symptoms of poisoning are: Headaches, nausea, vomiting, cramps, weakness, blurred vision, pin-point pupils, lightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to aquatic invertebrates and aquatic life stages of amphibians.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant ~~Elimination~~ ~~Discharge~~ ~~Discharge~~ ~~Elimination~~ System (NPDES) permit and the permitting authority has been notified in writing prior to the discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

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

FOR MANUFACTURING OF INSECTICIDES ONLY INTO END-USE PRODUCTS FOR:

~~(4)~~ The Following Uses:

TERRESTRIAL, NON-DOMESTIC, FOOD USES ON: Alfalfa, artichokes, barley, beans (dried), birdsfoot trefoil, broccoli, Brussels sprouts, cabbage², carrots, cauliflower, celery, clover, collards, corn, cotton, forage grass (including rangeland and pasture), kale, kohlrabi, lentils (special local need), lettuce, mustard greens, oats, onions, pasture, peas (dried), white potatoes, rangeland, rapeseed/canola², rye², sorghum, soybeans, spinach, sugar beets², sunflowers², sweet potatoes¹, turnips, vetch and wheat.

~~TERRESTRIAL, NON-DOMESTIC, NON-FOOD USES ON: Jojoba, (special local need), guayule (special local need), field grown ornamental flowering plants, chrysanthemums, daisies, marigolds, nursery stock, nonagricultural land, and wastelands.~~

AQUATIC FOOD CROP USES ON: Rice

¹Microencapsulated formulation only

²EC formulation only

~~(2) — Uses for which USEPA Has Accepted The Required Data And/Or Citations of Data That The Formulator Has Submitted In Support Of Registration; and~~

~~(3) — Uses For Experimental Purposes That Are In Compliance with USEPA Requirements.~~

REFORMULATION: This product may not be reformulated into end-use pesticide products that contain methyl parathion as the sole active ingredient in an emulsifiable concentrate (EC), non micro-encapsulated, formulation unless the end-use products: (1) are packaged in returnable, refillable containers that contain a tamper-resistant mechanism (such as MICRO MATIC valve system) that does not permit removal of material without specialized equipment (unless the end-use product is labeled in accordance with Paragraph 9 of the December 1996 Agreement between EPA and Registrants of Products containing Methyl Parathion); (2) contain in its formula a stenching agent approved by EPA for the purpose of discouraging indoor use; (3) are packaged in labeled containers bearing a unique identification number that will remain on the label or container at all times; and (4) do not contain more than 5 pounds of methyl parathion per gallon of end-use product. ~~This product may only be reformulated into an end-use product that does not contain methyl parathion as the sole active ingredient in an emulsifiable concentrate, non micro-encapsulated, formulation if the end-use product either bears EPA registration number 279-2149; 279-2609; 4581-292; 4787-19; or 34704-183; 34704-478; 34704-715; or has been specifically approved by EPA or by a State under FIFRA Section 24(c), after the date of this Agreement, for sale, distribution and use in any or all of the United States.~~

GENERAL INFORMATION

Products formulated with this product require registration with the United States Environmental Protection Agency. The formulators using this product are responsible for obtaining their own EPA registrations. This product is for use by commercial pesticide formulators for reformulation or repackaging use only.

STORAGE AND DISPOSAL

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

Storage: GRIFFIN METHYL PARATHION TECHNICAL should be stored at temperatures not exceeding 25°C (77°F). To avoid crystallization store above 18°C (65°F). Methyl parathion is unstable when heated and elevated temperatures may under circumstances induce explosion. It should never be heated above 55°C (131°F) and also local heating above this temperature must be avoided.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waster

representative at the nearest EPA Regional Office for guidance.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

WARRANTY STATEMENT

GRIFFIN warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of GRIFFIN. In no case shall GRIFFIN be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall not exceed the purchase price paid for this product or at Griffin Corporation's election, the replacement of this product. GRIFFIN MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

Exhibit
9-29-99 Registration
notice

Some of the signs and symptoms of poisoning are: Headaches, nausea, vomiting, cramps, weakness, blurred vision, pin point pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or fothing of mouth and nose, muscle spasms and coma.

† STATEMENT OF PRACTICAL TREATMENT †

Move patient immediately from the area where Methyl Parathion is present.

If breathing has stopped, start artificial respiration immediately and maintain until doctor sees victim.

If **swallowed** and victim is awake (conscious) make him vomit quickly. Have victim drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit is clear. Do not induce vomiting or give anything by mouth to an unconscious person. Have victim lie down and keep quiet. Get medical attention.

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. See doctor immediately.

NOTE TO PHYSICIAN

Antidote: Administer atropine sulfate in large doses, TWO to FOUR mg. intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 5 to 10 minute intervals until signs of atropinization appear. 2-PAM chloride is a pharmacologic antidote and may be administered as an adjunct to, but not a substitute for, atropine which is a symptomatic and often lifesaving antidote. DO NOT GIVE MORPHINE OR TRANQUILIZERS. Methyl Parathion is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. At first signs of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of the poison may occur and fatal relapses have been reported after initial improvement. VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

STORAGE AND DISPOSAL

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

Storage: Methyl Parathion should be stored at temperatures not exceeding 25°C (77°F). To avoid crystallization store above 18°C (65°F). Methyl Parathion is unstable when heated and elevated temperatures may under circumstances induce explosion. It should never be heated above 55°C (131°F) and also local heating above this temperature must be avoided.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or empty container is violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Implement a (or equivalent) take-back offer for recycling or reconditioning, or purchase and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

DIRECTIONS FOR USE

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

This product may not be reformulated into end use pesticide products that contain Methyl Parathion as the sole active ingredient in an emulsifiable concentrate (EC), non microencapsulated, formulation, unless the end use products: (1) are packaged in returnable, refillable containers that contain a tamper resistant mechanism (such as the MICRO MATIC valve system) that does not permit removal of material without specialized equipment (unless the end-use product is labeled in accordance with Paragraph 9 of the December 1996 Agreement between EPA and Registrants of Products containing Methyl Parathion); (2) contain in its formulation a stenching agent approved by EPA for the purposes of discouraging indoor use; (3) are packaged in labeled containers bearing a unique identification number that will remain on the label or container at all times; and (4) do not contain more than 5 pounds of Methyl Parathion per gallon of end use product. This product may only be reformulated into and end use product that does not contain Methyl Parathion as the sole active ingredient in an emulsifiable concentrate, non microencapsulated formulation if the end use product is packaged in returnable, refillable containers that contain a tamper resistant mechanism (such as a MICRO MATIC valve system) that does not permit removal of the material without specialized equipment.

FOR MANUFACTURING
OF INSECTICIDES ONLY FOR

1. THE FOLLOWING USE:

TERRESTRIAL, NON-DOMESTIC, FOOD USES ON:

Alfalfa, almonds¹, barley, cabbage², corn, cotton, dried beans, dried peas, grass (including rangeland and pastures), lentils¹, oats, onions, pecans¹, rapeseed (canola)², rye², soybeans, sugar beets², sunflower², sweet potatoes², walnuts¹, wheat, and white potatoes.

^aMicroencapsulated formulation only

² EC formulation only

AQUATIC FOOD CROP USES ON: Rice.

2. USES FOR WHICH US EPA HAS ACCEPTED THE REQUIRED DATA AND/OR CITATIONS OF DATA THAT THE FORMULATOR HAS SUBMITTED IN SUPPORT OF REGISTRATION.

3. USES FOR EXPERIMENTAL PURPOSES THAT ARE IN COMPLIANCE WITH US EPA REQUIREMENTS.

NOTICE

Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.