

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

EPA REGISTRATION NO.
4841-67

DATE OF ISSUANCE
July 23, 1987

TERM OF ISSUANCE

Until Reregistration

NAME OF PESTICIDE PRODUCT

Micro Blend Methyl Parathion G

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

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Micro Chemical Company
Agricultural Chemicals
P.O. Box 711
Winshoro, LA 71295

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 section 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.

2. Make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase "EPA Registration No. 4841-67."
- b. Under your Poison Signs paragraph delete reference to EPN.
- c. Revise the Restricted Use Pesticide statement to read:

RESTRICTED USE PESTICIDE

Due to Very High Acute Toxicity to Humans and Birds

For retail sale to and use only by certified applicators or persons under their direct supervision and only for those uses covered by the certified applicator's certification.

ATTACHMENT IS APPLICABLE

BEST AVAILABLE COPY

SIGNATURE OF APPROVING OFFICIAL

Dennis H. Edwards

DATE

7/23/87

Direct supervision for this product is defined as the certified applicator being physically present during application, mixing, loading, repair, and cleaning of application equipment. Commercial certified applicators must also ensure that all persons involved in these activities are informed of the precautionary statements.

- d. Delete the present Endangered Species labeling and replace with the one recommended in PR Notices 87-4 and 87-5. This statement is required to be on the label by February 1988.
- e. Under the "Reentry Statement" heading, delete "Do not enter . . . clothing is worn." Include the following statement under the same heading:

Reentry into treated fields is prohibited for 48 hours after application, unless all protective clothing and equipment required for early reentry as described elsewhere on the label are worn.

- f. Revise your Bee Caution paragraph to read:

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

- g. Include the worker protection statement to read as follows:

HANDLE THE CONCENTRATE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT:

Wear a protective suit of one or two pieces that covers all parts of the body except the head, hands, and feet. Wear chemical resistant gloves, chemical resistant apron, and chemical resistant shoes, shoe coverings, or boots. Wear goggles or a face shield. Wear a pesticide respirator approved by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT DURING MIXING/LOADING, APPLICATION, REPAIR, AND CLEANING OF APPLICATION EQUIPMENT, DISPOSAL OF PESTICIDE, AND EARLY REENTRY INTO TREATED AREAS: Protective suit

of one or two pieces covering all parts of the body except the head, hands; and feet; chemical resistant gloves; chemical resistant shoes (or chemical resistant shoe coverings or chemical resistant boots); goggles or face shield; hood or wide brimmed hat; NIOSH approved respirator.

IF MIXING/LOADING IS PERFORMED USING A CLOSED SYSTEM, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE: Long-sleeve shirt; long-legged pants; chemical resistant gloves; chemical resistant apron; shoes and socks. Goggles or face shield must be worn when the system is under pressure. All other protective clothing and equipment required for use with open systems must be available nearby.

IF APPLICATION IS PERFORMED USING AN ENCLOSED CAB OR COCKPIT, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE: Long-sleeve shirt and long-legged pants; shoes and socks. Chemical resistant gloves must be available in the cab or cockpit and must be worn during entry to and exit from the application vehicle. All other protective clothing and equipment required for use during application must be available in the cab and must be worn when exiting the cab into treated area. When used for this purpose, contaminated clothing may not be brought back into the cab unless in an enclosure such as a plastic bag. REMEMBER - THIS CLOTHING IS INADEQUATE TO PROTECT YOU DURING REPAIR AND CLEANING OF APPLICATION EQUIPMENT AND EARLY REENTRY TO TREATED AREAS; REFER TO PROTECTIVE CLOTHING AND EQUIPMENT REQUIREMENTS ABOVE.

IMPORTANT! If pesticide comes in contact with skin, wash off with soap and water and contact a physician immediately. Always wash hands, face, and arms with soap and water before smoking, eating, drinking or toileting.

AFTER WORK: Before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower using soap and water. Wear only clean clothes when leaving job--do not wear contaminated clothing. Personal clothing worn during work must be stored and laundered separately from protective

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clothing and household articles. Store protective clothing separately from personal clothing. Clean or launder protective clothing after each use. Respirators must be cleaned and filters replaced according to instructions included with the respirators. Protective clothing and protective equipment heavily contaminated or drenched with methyl parathion must be destroyed according to State and local regulations. HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED. DURING AERIAL APPLICATION, HUMAN FLAGGERS ARE PROHIBITED.

3. Submit five (5) 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 section 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.

Dennis H. Edwards, Jr.
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosures

Read the entire label before using this product

Use only according to label instructions. Read "LIMIT OF WARRANTY AND LIABILITY" before buying or using. If terms are not acceptable return at once unopened.

LIMIT OF WARRANTY AND LIABILITY:

The exclusive remedy of the user or buyer and the limit of the liability of this company or any other seller for any and all losses, injuries or damages resulting from the use or handling of this product shall be the purchase price paid by the user or buyer for the quantity of this product involved. There is no warranty and this company and this company and any other seller disclaim all liability for all losses, personal injuries or damages arising from combining substances and from any use of this product not recommended in label directions or arising from misuse, improper handling or improper storage.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER! PELIGRO!

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicada ampliamente.

POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN

RAPIDLY ABSORBED THROUGH SKIN

REPEATED EXPOSURE MAY, WITHOUT SYMPTOMS, BE INCREASINGLY HAZARDOUS.

Do not breathe vapors or spray mist.

Do not get in eyes, on skin or on clothing.

POISON SIGNS (Symptoms)

EPN Methyl Parathion is a very dangerous poison. It rapidly enters the body on contact with all skin surfaces and eyes. Clothing wet with this 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, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

MICRO BLEND

METHYL PARATHION 6

EACH GALLON OF MICRO BLEND METHYL PARATHION 6 CONTAINS 6 POUNDS OF METHYL PARATHION PER GALLON.

Keep out of reach of children.

DANGER PELIGRO



POISON

PRECAUCION AL USUARIO
Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicada ampliamente.

NOT FOR HOME USE

◆ FIRST AID TREATMENT ◆

"STATEMENT OF PRACTICAL TREATMENT"

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to Methyl parathion and describe his condition. If doctor cannot come, take victim to clinic or hospital.

Move victim immediately from the area where Methyl parathion is present.

IF INHALED, remove victim to fresh air. If not breathing, immediately give artificial respiration, preferably mouth-to-mouth, and maintain until doctor sees victim. If breathing is difficult, give oxygen.

IF IN EYES OR ON SKIN, immediately flush with plenty of water for at least 15 minutes while removing contaminated personal clothing and shoes to avoid continued possible exposure to victim or persons in attendance.

IF SWALLOWED, induce vomiting immediately by giving two glasses of water and by touching back of throat with finger. **DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.** Have victim lie down and keep quiet.

ACTIVE INGREDIENTS:

O,O-dimethyl O-p-nitrophenyl phosphorothioate...	59.7%
Related compounds.....	3.1%
Xylene range aromatic solvent.....	30.5%
INERT INGREDIENTS:	6.7%
	100.0%

COMBUSTIBLE: Do not store or use near heat or open flame. In case of fire, use water spray, foam, dry chemical or CO₂.

MICRO CHEMICAL CO INC. WINNSBORO LA
E. P. A. Establishment No. 4841-LA-1
E. P. A. Reg. No. 4841 -

POISON

ATROPINE IS AN ANTIDOTE. CONSULT PHYSICIAN FOR EMERGENCY SUPPLY.

CALL A PHYSICIAN AT ONCE IN ALL CASES OF SUSPECTED METHYL PARATHION POISONING.

If symptoms or signs of poisoning include blurred vision, abdominal cramps and tightness in the chest do not wait for a doctor but give two atropine tablets (each 1/100 grains or 0.65 milligrams) at once. (One tablet to children under five years of age).

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 life-saving antidote. **DO NOT GIVE MORPHINE OR TRANQUILIZERS BECAUSE THESE ANTIDOTES MAY PRODUCE ADVERSE EFFECTS ACCENTUATING THE PHARMACOLOGIC EFFECT OF THIS PRODUCT.** This product is a strong cholinesterase inhibitor affecting the central and peripheral nervous system 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 improvements. **VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.**

WORK SAFETY RULES

REPEATED EXPOSURES TO CHOLINESTERASE INHIBITORS SUCH AS CONTAINED IN THE 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 level. 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 Agriculture Extension Service or Experimental Station for specific recommendations regarding analytical tests.

If handling indoors, provide mechanical exhaust ventilation.

Keep all unprotected persons and animals away from treated area or where there is danger of drift.

Do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. See First Aid (Practical treatment) section.

BEST AVAILABLE COPY

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING

(1) Wear water-proof pants, coat, hat, rubber boots or rubber overshoes. (2) Wear safety goggles. (3) Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U. S. Bureau of Mines) and the National Institute for Occupational Safety and Health under the provisions of 30 CFR part II. (4) Wear heavy duty natural rubber gloves

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 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.

REENTRY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas for 48 hours, unless appropriate protective clothing is worn.

Because certain states may require more restrictive reentry intervals for various crops treated with this product consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product.

ORAL WARNINGS shall inform workers of areas or fields that may not be entered, without protective equipment and clothing specified on this label, during treatment or for 48 hours following treatment. Follow First Aid Treatment instructions shown on this label in case of accidental exposure.

When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers.

WRITTEN WARNINGS must include the following information:

DANGER: Area treated with methyl parathion on crops. Do not enter without appropriate protective clothing for 48 hours. Follow First Aid Treatment instructions shown on this product label in case of accidental exposure.

ATTENTION

To avoid excessive residues of methyl parathion on forage crops always observe the statements found under "Directions for Use" limiting the time before harvest when methyl parathion may be applied.

Because this material is poisonous by skin contact, inhalation or swallowing it should be used in such a manner or under weather conditions as will permit drift of the spray onto areas not intended to be sprayed.

Do not apply or allow drift to areas occupied by unprotected humans or beneficial animals.

ENVIRONMENTAL HAZARD

This product is toxic to fish, shrimp, crabs, birds, and other wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Shrimp and crabs may be killed at application rates recommended on this label. Do not apply where these are important resources. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

PHYSICAL OR CHEMICAL HAZARD

Combustible: Do not use, pour, spill or store near heat or flame.

In case of **FIRE** use water, spray, foam, dry chemical or CO2.

SPILL or LEAK keep all unprotected persons away. Cover with absorbent such as soda, ash, lime, clay or saw dust. Sweep up and bury. Wash area thoroughly with strong lye solution.

STORAGE AND DISPOSAL

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

STORAGE AND HANDLING

1. Handle container carefully so as to avoid damage and prevent leakage.
2. Do not use or store in or around the home.
3. Store container in a well ventilated place.
4. Empty container retains vapor and product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.
5. Keep out of reach of children and domestic animals.

DISPOSAL

Wastes of this pesticide are acutely hazardous. Improper disposal of excess pesticide, spray mixtures, or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label use instructions, contact your state pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

Triple rinse empty container with 5% caustic soda solution. Flush with water. Then offer for recycling or reconditioning or puncture to prevent other use and dispose of in an approved landfill or by other procedures approved by state and local authorities.

1/2 pint per acre. For aphids, armyworms up to third instar, leaf and winter grain mites, 1/3 to 1 pint per acre. For cutworms, use 1/2 to 2/3 pint per acre. For chinch bugs, false bugs and Say's plant bugs, use 1 pint per acre. For western or brown mites, use 2/3 pint per acre. Do not use more than 1/3 pint per acre 15 days of harvest.

COTTON — For control of thrips, use 1/6 to 1/3 pint per acre. For leafworms, use 1/6 to 1/2 pint per acre. For grasshoppers, armyworms up to third instar, use 1/3 pint per acre. For spider mites (not control all species), use 1/3 to 1/2 pint per acre. For Colorado fleahoppers, lygus and other mirids, use 1/6 to 1 1/3 pints per acre. For weevils, aphids, and garden webworms, use 1/3 to 2/3 pint per acre. For bollworms, salt-marsh caterpillars, armyworms up to third instar, leaf perforators and stink bugs, use 1 1/3 pints per acre. Application should be made at 4 to 5 day intervals until control is obtained. At above dosages, application may be made up to the day before harvest with mechanical pickers.

SOYBEANS — For control of climbing cutworms and three-c alfalfa hoppers, use 1/3 pint per acre. For control of garden webworms, use 1/3 to 2/3 pint per acre. For control of aphids, blister beetles, Mexican beetles, stink bugs, two-spotted mites and velvet bean caterpillars, use 1 pint per acre. For bollworms, armyworms, up to third instar, and cloverworms, use 1 1/3 pints per acre. Do not apply closer than before harvest or grazing.

ACCEPTED with COMMENTS in EPA Letter Dated

JUL 23 1987

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 484-67



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