



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

EPA Reg. Number:
9779-362

Date of Issuance:
SEP 2 1999

NOTICE OF PESTICIDE:
 x Registration
 Reregistration

Term of Issuance:
Conditional

Name of Pesticide Product:
Riverside Methyl
Parathion 4

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Terra International, Inc.
600 Fourth Street, P.O. Box 6000
Sioux City, IA 51102-6000

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 and submit the corrected label for review and approval before you release the product for shipment:

- a. Add the designation, "EPA Reg. No. 9779-362".
- b. The Directions for Use section of the label must include the following statement:

This product may not be reformulated or used under a State Special Local Need Registration for any uses not specified on this label.

- c. As specified in the Methyl Parathion Agreement, the statement, **Application by Backpack Sprayer or other Hand-held Sprayer is Prohibited** must be prominently displayed in bold print.

Signature of Approving Official:

Date:

SEP 2 1999

d. In the paragraph headed, Storage, delete all the instructions to repackage and relabel useable product. Refer to the enclosed copy of the storage instructions from the recently accepted label of the product you are repackaging for the proper instructions.

e. In the paragraph headed Storage, add the following statement.

Store in original container only.

f. Update the use directions including the pre-harvest intervals for all the crops listed on your label so that they agree with the recently accepted label of the product you are repackaging. A copy of the use directions from the label which was accepted August 30, 1999, is enclosed for your reference.

g. The word, poison must appear in red on a background of distinctly contrasting color.

As requested in your letter of August 19, 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).

3. Submit five copies of the revised final printed label for review and approval 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.

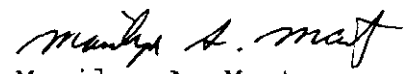
A stamped copy of the label is enclosed for your records.

A review of the file for the registered product which is being replaced by the subject product indicates that registration was issued based on the understanding that the product is a 100 % repack of another registered product (your basic formulation). The subject registration is also being issued based on this same understanding. The submitted alternate formulation cannot be

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accepted without the proper supporting documents required to address the product specific data requirements for your alternate formulation.

Sincerely,



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

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. Direct supervision for this product is defined as the certified applicator's 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.

RIVERSIDE METHYL PARATHION 4

An emulsifiable concentrate containing 4 pounds methyl parathion per gallon NOT FOR USE OR STORAGE IN OR AROUND HOME

ACTIVE INGREDIENTS	
O,O-dimethyl O-p-nitrophenyl thiophosphate*	43.8%
Related Compounds	1.7%
INERT INGREDIENTS**	54.5%
TOTAL	100.0%

*Methyl Parathion

Contains 4 pounds methyl parathion and related compounds per gallon.

ACCEPTED with COMMENTS in EPA Letter Dated

SEP 2 1999

Under the Federal Insecticide, Fungicide, and Plant Growth Regulator Act, as amended, for the sale of registered under EPA Reg. No. 9779-362

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO



POISON VENENO

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

FIRST AID

This product contains an organophosphate and is a cholinesterase inhibitor.

FIRST AID TREATMENT + Call a doctor (physician), clinic, or hospital immediately. Explain that the victim has been exposed to methyl parathion and describe his condition. IF BREATHING HAS STOPPED, start artificial respiration immediately and maintain until doctor sees victim. IF SWALLOWED, call a physician or poison control center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or if available, by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person. IN CASE OF CONTACT, immediately flush eyes or skin with plenty of water. See doctor immediately.

SPECIAL INSTRUCTIONS FOR RESTRICTED USE PESTICIDE RETAILERS: In addition to any other required records, restricted use pesticide retailers must record at the time of sale the unique container identification number on this label or container and the identity of the purchaser of the container.

Read Additional PRECAUTIONARY STATEMENTS.

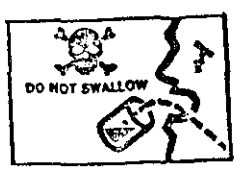
EPA Reg. No. 9779- GAE

EPA Est. No. 9779-AL-1M, 9779-TX-3T (Lot no. indicates establishment)

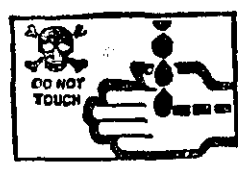
Manufactured For TERRA INTERNATIONAL, INC. P.O. Box 6000, Sioux City, Iowa 51102 Riverside Serves Agriculture. Agriculture Serves Everyone.

NET CONTENTS ___ GALS. 9/H19/9

PRECAUTIONARY STATEMENTS
DANGER
HAZARDS TO HUMANS AND DOMESTIC ANIMALS



CAN KILL IF SWALLOWED
This product can kill you if swallowed, even in small amounts; spray mist may be fatal if swallowed.



CAN KILL 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 clothing).



CAN KILL IF BREATHED
This product can kill you if vapors or spray mist are breathed.

WORK SAFETY RULES

The National Pesticide Telecommunication Network is available for recommendations regarding poisoning management, emergency treatment, and other information regarding the toxicity of methyl parathion. The toll free number for the National Pesticide Telecommunication Network is 1-800-858-7378. 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.

POISON SIGNS (Symptoms): Methyl parathion is a very dangerous poison. It rapidly enters the body on contact with all skin surfaces and eyes. Exposed persons must receive prompt medical treatment or they may die. Some of the signs and symptoms of poisoning are headache, 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.

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 also antidotal and may be administered in conjunction with atropine. 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.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear coveralls over long-sleeved shirt and long pants, chemical-resistant gloves such as barrier laminate or viton ≥ 14 mils., chemical-resistant footwear plus socks, protective eyewear, chemical-resistant headgear for overhead exposure and a chemical-resistant apron when cleaning equipment, mixing or loading. For exposures in enclosed areas, use a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G). For exposures outdoors, use a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENTS

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS
Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

DURING AERIAL APPLICATION, HUMAN FLAGGERS ARE PROHIBITED.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to aquatic invertebrates and wildlife. Birds in treated areas may be killed. Shrimp and other aquatic organisms may be killed at recommended application rates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff and drift from target areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters. 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.

PHYSICAL OR CHEMICAL HAZARDS

COMBUSTIBLE Do not use, pour, spill, or store near heat or open flame.

DIRECTIONS FOR USE

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

Do not apply this product through any type of irrigation system.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Application by backpack sprayer or other hand-held sprayer is prohibited.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 5 days in areas where average rainfall is less than 25 inches per year, and 4 days where average annual rainfall is equal to or greater than 25 inches.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, such as barrier laminate or viton ≥14 mils, chemical-resistant footwear plus socks, protective eyewear and chemical-resistant headgear for overhead exposure.

Certified crop advisors or persons under their direct supervision under certain circumstances may be exempt from the early entry requirement pursuant to 40 CFR Part 170.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

STORAGE

Store in a dry location away from children, animals, foods, feeds, seeds, and other agricultural chemicals. Keep container closed when not using. Do not allow water into container as this may cause deterioration of product. Handle in accordance with information given under PRECAUTIONARY STATEMENTS. Do not store under conditions where temperatures may exceed 120°F or below 45°F. Keep storage area locked when not in use. In the event of spillage or leakage, soak up material with absorbent clay, sand, sawdust, or other absorbent material. Scrape up and dispose of in accordance with information given under PESTICIDE DISPOSAL. Repackage and relabel useable product in a sound container of a type approved by the U.S. Department of Transportation. In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

DISPOSAL

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 Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Returnable/Refillable Sealed Container: Do not break seals or add any material to the container. Do not rinse container or empty any residue from container. This container must be returned intact after use to the point of purchase.

GENERAL INFORMATION

REMOVAL OF PRODUCT FROM CONTAINER

This container is fitted with the MICRO MATIC "DV" liquid transfer valve system. To remove product, use the MICRO MATIC coupler attachment, which is available from the seller of this container. The directions below must be followed:

To Connect Coupler:

1. Attach pump hose to chemical pump.
2. Attach pump hose to coupler.
3. With coupler handle in disengaged position, insert coupler straight down into the drum valve, ensuring that the pins on the coupler align with the slots on the valve.
4. Turn coupler handle clockwise a quarter turn, until it locks into place.
5. Push down coupler handle to engage, ensuring that the lock bar clicks into place.

To Disconnect Coupler:

1. Press down on coupler and disconnect the lock bar. Allow coupler handle to raise to its disengaged position.
2. Turn Coupler handle counter clockwise a quarter turn. Lift coupler straight up.

If you have any questions or need assistance, please call your Distributor or 1-800-548-6113.

METHYL PARATHION 4 may be applied by ground sprayers or by airplanes, mixing the METHYL PARATHION 4 in water to form an emulsion spray solution. It may also be applied by airplane as an ultra low-volume (ULV) application to cotton. Water Based Spray Applications: To make a water based spray, half fill the spray tank with water, agitate, add the proper amount of METHYL PARATHION 4, and then fill the spray tank with water while still agitating. Continue to agitate during use. When applying with ground sprayers, calibrate so as to apply the recommended amount of METHYL PARATHION 4 in not less than 3 gallons of water per acre. Airplanes should apply the recommended amount of METHYL PARATHION 4 in not less than 1 gallon of water per acre.

Where a dosage range is given, use the lower rate on small or young plants or with light insect infestations; use the higher rate on large or mature plants or with heavy insect infestations.

The amounts to use given in DIRECTIONS FOR USE are the amounts of METHYL PARATHION 4 to apply per acre per application. Repeat applications as necessary unless stated otherwise in DIRECTIONS FOR USE.

The hazards and precautions for handling METHYL PARATHION 4 in this container are equally applicable to it after dilution with water for spray application.

READ ENTIRE LABEL BEFORE USING THIS PRODUCT: Use of this product in a manner not in accordance with the information on this label may injure or kill humans, domestic animals, wildlife, aquatic life, desirable plants, create excessive and unlawful chemical residues, or produce other undesirable results.

ALFALFA: For control of Alfalfa Weevil Larvae, apply 3/4 pint when buds and shoots first appear ragged or when larval count first reaches 25 per sweep. For control of Aphids (including Pea Aphid and Spotted Alfalfa Aphid), Armyworms, Climbing Cutworms, Flea Beetles, Leafhoppers, apply 1/2 to 1 pint; for Lygus Bugs, Mites, and Stinkbugs, apply 1/2 to 1 1/2 pints; for Clover Leaf Weevils and Webworms, apply 1 pint; for Grasshoppers and Thrips, apply 1 1/3 pints; for Egyptian Alfalfa Weevil, apply 1 to 2 pints; for Beet Armyworm and Yellow-Striped Armyworm, apply 1 1/2 pints. Do not treat within 15 days of harvest, cutting, or grazing. Do not apply if the crop or weeds in the treatment area are in bloom.

BEANS (Dry, Green, Lima): For control of Aphids, Armyworms, Flea Beetles, Leafhoppers, Mites, and Plant Bugs (including Lygus Bugs), apply 1 to 3 pints; for Cabbage Looper, 2 pints; for Cowpea Curculio, Cutworms (including climbing and surface feeding species) and Stinkbugs, 2 to 3 pints. For dry beans, do not apply within 15 days of harvest. For green and lima beans for rates up to 1 pint, do not apply within 15 days of harvest; 21 days for rates over 1 pint. Do not apply if the crop or weeds in the treatment area are in bloom.

CABBAGE: For control of Aphids, Armyworms, and Thrips (cabbage, broccoli, and Brussels sprouts only), apply 1/2 to 2 pints; for Flea Beetles, Leafhoppers, and Mites, 1 to 2 pints; for Imported Cabbageworm, Cabbage Looper and Stinkbugs, 2 to 3 pints; for Plant Bugs, 3 pints. For rates up to 1 pint, make no applications later than 7 days before harvest for broccoli, Brussels sprouts, and cauliflower; 10 days for cabbage. For rates over 1 pint, do not apply within 21 days of harvest.

CORN: For control of Aphids (including Corn Leaf Aphid), Armyworms, Corn Rootworm Beetles (including Western Corn Rootworm Beetles), Climbing Cutworms, Fall Armyworms, Flea Beetles and Stinkbugs, apply 1/2 pint. Do not apply later than 12 days before harvest. Do not apply to corn during the pollen shed period.

COTTON: For control of Thrips, apply 1/4 to 1 pint before or during the 4 leaf stage and repeat 1 to 3 times at 7 to 10 day intervals. For early season control of over-wintering Boll Weevils, apply 1/2 to 1 pint as early as the 2 to 4 leaf stage and repeat 1 to 3 times at 7 to 10 day intervals. For mid-season control, apply 1 to 2 pints at the start of squaring or after 10% to 25% of the first squares are punctured, and repeat at 3 to 8 day intervals as needed or until the top bolls are full grown. Repeat at 3 day intervals during the major fruiting season, and periods of heavy weevil migration, when 2 to 6 pints may be applied as required. For control of Cotton Leafworms, Garden Webworms, Fleahoppers (including Cotton Fleahoppers), Spider Mites (including Desert and Two Spotted Mites), apply 1/2 to 1 pint; for Aphids (including Cotton Aphid), Cotton Leaf Perforator, Cutworms, Fall Armyworms (to 3rd instar), False Chinch Bugs, Grasshoppers, and Lygus Bugs, 1 to 2 pints; for Leafrollers, Rapid and Tarnished Plant Bugs, 1 pint; for Armyworms, 2 to 4 pints; for Bollworms, 2 to 6 pints. For rates from 2 to 6 pints, do not apply within 7 days of harvest. For hand-picking, do not apply within 5 days of harvest.

GRASS (Forage): For control of Range Caterpillars us 1 pint per acre. For control of Armyworms (to 3rd instar) Black Grass Bugs (including Irbisia), False Chinch Bugs, Grasshoppers, and Leafhoppers, apply 1 1/2 pints. Do not apply later than 15 days before harvest.

ONIONS: For control of Thrips, use 1 pint per acre. Do not apply within 15 days of harvest.

PEAS (Dry): For control of Aphids, Armyworms (to 3rd instar), Flea Beetles, Leafhoppers, and Mites, apply 1 to 2 pints; for Cowpea Curculio, Cutworms (including climbing and surface feeding species), Cabbage Looper, and Stinkbugs, apply 2 pints. For rates up to and equal to 1 pint, do not apply within 7 days before harvest; for rates over 1 pint, do not apply within 15 days of harvest. To avoid injury to bees, do not apply if bees are visiting the areas to be treated when crops or weeds are in bloom.

POTATOES: For control of Aphids and Flea Beetles, apply 1/2 to 2 pints; for Armyworms, Leafhoppers, and Mites, apply 1 to 2 pints; for Cabbage Looper, Plant Bugs (including Lygus Bugs), and Stinkbugs, apply 3 pints. Do not apply later than 8 days before harvest.

RICE: For control of Rice Stinkbugs, apply 1/2 to 1 pint; for Armyworms and Leafhoppers, apply 1 to 1 1/2 pints. Do not apply later than 15 days before harvest. Crabs, crayfish, and shrimp may be killed. Do not apply where they are important resources.

SMALL GRAINS (Barley, Oats, Rye, Wheat): For control of Aphids (including Greenbug), Armyworms (to 3rd instar), Black Grass Bugs, Leafhoppers, Brown Wheat Mites, Winter Grain Mites, and Stinkbugs, apply 1/2 to 1 1/2 pints; for Climbing Cutworms and Barley Thrips, apply 1 pint; for Beet and Yellow-Striped Armyworms (barley and wheat only), Chinch Bugs, False Chinch Bugs (barley, oats, and wheat only), Grasshoppers, Spider Mites (barley and wheat only), Say's Stinkbugs, and Thrips, apply 1 1/2 pints. For rates over 1/2 pint, do not apply later than 15 days before harvest.

SOYBEANS: For control of Climbing Cutworms, Three Cornered Alfalfa Hoppers, Thrips, Velvetbean Caterpillars, Stink Bugs, Webworms (including Garden Webworm), apply 3/4 to 1 pint; for Aphids, Blister Beetles, Mexican Bean Beetle, Spider Mites, apply 1 pint; for Armyworm, Fall Armyworm (to 3rd instar), Bean Leaf Beetle, Bollworm, and Grasshoppers, apply 2 pints. For rates up to 1 pint, do not apply later than 15 days prior to harvest, cutting or forage use; 20 days for rates over 1 pint. Do not apply more than twice per growing season.

SUGAR BEETS: For control of Armyworms, Fall Armyworm, Cutworms (including Climbing Cutworms), Flea Beetles, Grasshoppers, Leafhoppers, Mites, and Sugarbeet Webworms, apply 1/2 to 3/4 pint; for Aphids, Lygus Bugs and Webworms, apply 3/4 pint. Do not apply later than 20 days before harvest of roots. Do not apply later than 60 days before harvest if tops are to be fed to livestock.

SUNFLOWERS: For Sunflower Moths, Sunflower Maggot and Sunflower Seed Weevil, use 2 pints per acre. Do not apply more than 3 times at 5-day intervals per season. Do not feed seeds to birds. Do not apply within 30 days of harvest.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such use.

BAR CODE or UNIQUE IDENTIFYING NUMBER
Will be placed either on label or on container