

10163-237

07/24/2007

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**U.S. ENVIRONMENTAL PROTECTION AGENCY**  
**Office of Pesticide Programs**  
**Registration Division (7505P)**  
**Ariel Rios Building**  
**1200 Pennsylvania Ave., NW**  
**Washington, D.C. 20460**

EPA Reg. Number:  
 10163-237

Date of Issuance:  
**JUL 24 2007**

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:  
 Methidathion 50S

Name and Address of Registrant (include ZIP Code):

Gowan Company  
 P.O. Box 5569  
 Yuma, AZ 85366-5569

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.

Based on your response to the Reregistration Eligibility Decision (RED) for Methidathion, EPA has reregistered the product listed above. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Generic data requirements that have been identified in the RED as confirmatory data for the active ingredient contained in the subject product will continue to be tracked and assessed in the Agency's continual reassessment of pesticides.

The labeling for the subject product submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided you submit one (1) copy of the final printed label incorporating the following corrections before you release the product for shipment. Products shipped after 12 months from the date of this Notice must bear the new revised label.

Reregistration of the subject product is subject to submittal and review of confirmatory data specified in Section V of the Interim Reregistration Eligibility Decision dated August 9, 2002 for methidathion.

Make the label changes listed below:

*John D. Wilent for records laws.*

Date: *July 24, 2007.*

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1. In the Storage and Disposal statement, move the following text from the first paragraph to the subheading PESTICIDE DISPOSAL: "Pesticide wastes may be acutely hazardous. Improper disposal of such wastes is a violation of Federal law."
2. Revise the warranty statements titled "Notice of Conditions of Sale and Warranty and Liability Limitations" as specified below.

Add the phrase "to the extent consistent with applicable law," to the beginning of second sentence in the third paragraph.

3. Revise the fourth sentence of Precautionary Statements paragraph as follows: "Causes moderate eye irritation."

A stamped copy of the label is enclosed for your records. Submit one copy of the final printed labeling 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.

The Agency has completed the cumulative assessment for the organophosphate pesticides (OPs) and finalized the Interim Reregistration Eligibility Decisions (IREDs) for the OP pesticides. The assessment and supporting documents may be found on the Agency's web site at [www.epa.gov/pesticides/cumulative](http://www.epa.gov/pesticides/cumulative) and in the docket (EPA-HQ-OPP-2006-0618).

Meredith F. Laws, Chief  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

Enclosure

# Methidathion 50S

An Insecticide for Formulation Use Only

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**ACTIVE INGREDIENT:**

Methidathion: O, O-dimethyl phosphorothioate, S-ester with 4-(mercaptomethyl)-2-methoxy- $\otimes^2$ -1, 3, 4-thiadiazolin-5-one....50.0%

**% BY WT.**

**OTHER INGREDIENTS**.....

50.0%

**TOTAL 100.0%**

Contains 4.5 lbs. of methidathion per gallon

**KEEP OUT OF REACH OF CHILDREN**



**DANGER-POISON**



**PELIGRO**

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**

<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

**HOT LINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact **1-888-478-0798** for emergency medical treatment information.

**NOTE TO PHYSICIAN**

Methidathion is a cholinesterase inhibitor. Atropine is antidotal and should be given as early poisoning symptoms appear. 2-PAM is also antidotal and may be administered in conjunction with atropine. If swallowed, lavage stomach taking care to avoid aspiration of stomach contents into lungs. Instill 30-50 gm. slurry of activated charcoal in water into the stomach after lavage.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
DANGER**

Fatal if inhaled. Fatal if swallowed. Harmful if absorbed through skin. Cause moderate eye irritation. Do not breathe spray mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Remove contaminated clothing and wash clothing before reuse. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Mixers and handlers must wear:

- Protective clothing
- Rubber gloves
- Respirator with an organic-vapor removing cartridge with a pre-filter approved for pesticides (MSHA/NIOSH approval number TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P or HE pre-filter
- Goggles or face shield

ACCEPTED  
with COMMENTS

In EPA Letter Dated:

11/24/2007  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
As amended, for the pesticide  
Registered under EPA Reg. No.

**NET CONTENTS \_\_\_\_\_ GALLONS**

10163-237

EPA Reg. No. 10163-237  
EPA Est. No. 70992-CHE-003



Gowan Company  
P.O. Box 5569  
Yuma, Arizona 85366-5569

## USER SAFETY RECOMMENDATIONS

### Users should:

- Wash thoroughly with soap and water after handling and before eating, drinking, or smoking.
- Remove contaminated clothing and wash before reuse.

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## ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, mammals, and extremely toxic to birds. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of the 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 local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

## PHYSICAL AND CHEMICAL HAZARDS

Combustible. Do not use or store the product near heat or open flame.

## DIRECTIONS FOR USE AND CONDITIONS OF SALE

**IMPORTANT:** Read the entire DIRECTIONS FOR USE and the CONDITIONS OF SALE AND WARRANTY before using this product. NO END USE OF THIS PRODUCT OTHER THAN FORMULATION IS INTENDED OR IMPLIED BY THE CONDITIONS OF SALE AND WARRANTY. The DIRECTIONS FOR USE of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, 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 Gowan Company or the seller.

## DIRECTIONS FOR USE

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

Only for formulation into an insecticide for the following use(s): Alfalfa and timothy, almonds, apples, apricots, artichokes, cherries, cotton, citrus (grapefruits lemons, oranges and other citrus fruits), carambola, kiwifruit, longan, mangoes, nectarines, nursery stock (woody ornamental or herbaceous plants commercially grown for transplanting), olives, peaches, pears, pecans, plums, prunes, safflowers, sunflowers and walnuts.

Refer to: Technical Bulletin-SUPRACIDE® INSECTICIDE LABELING FOR FORMULATED PRODUCTS.

Further data may be necessary to support registration of products formulated from Methidathion 50S if specimen labels are not closely followed.

## STORAGE AND DISPOSAL

**DO NOT** contaminate water, food or feed by storage and disposal. Store in a cool, dry, well ventilated are. Pesticide wastes may be acutely hazardous. Improper disposal is a violation of federal law.

**Pesticide Disposal:** Pesticide, mixtures or equipment rinse waters that cannot be chemically reprocessed must be disposed of according to applicable federal, state or local procedures. Contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal:** Triple rinse or equivalent and return to manufacturer, or offer for recycling or reconditioning, or dispose of in a sanitary landfill or by other approved state and local procedures.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

**FOR 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK OR FIRE), CALL CHEMTREC® (800) 424-9300.**

**For other product information, contact Gowan Company or see Material Safety Data Sheet.**

## NOTICE OF CONDITIONS OF SALE AND WARRANTY AND LIABILITY LIMITATIONS

**Important:** Read the entire Directions for Use and Notice of Conditions of Sale and Warranty and Liability Limitations before using this product. If terms are not acceptable return the unopened container for a full refund.

Our recommendations for use of this product are based on tests believed to be reliable. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, inadequate performance, or other unintended consequences may result due to soil or weather conditions, off target movement, presence of other materials, method of use or application, and other factors, all of which are beyond the control of Gowan Company. To the extent consistent with applicable law, all such risks are assumed by the Buyer and User.

Gowan Company warrants that this product conforms to the specifications on the label when used in strict conformance with Direction for Use, subject to the above stated risk limitations. **GOWAN COMPANY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY**

**TO THE FULLEST EXTENT PERMITTED BY LAW, GOWAN COMPANY'S EXCLUSIVE LIABILITY FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, OR ANY OTHER LEGAL THEORY IS STRICTLY LIMITED TO THE PURCHASE PRICE PAID OR REPLACEMENT OF PRODUCT, AT GOWAN COMPANY'S SOLE DISCRETION.**