

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

EPA REGISTRATION NO.

10163-211

DATE OF ISSUANCE 1994

TERM OF ISSUANCE

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGERISTRATION

(Under the Federal Insecticide, Fungicide  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Gowan Dimethoate Technical

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Ron Berens  
Gowan Company  
P.O. Box 5569  
Yuma, AZ 85366

5465707  $\frac{160}{18}$

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 the Federal Insecticide, Fungicide, and Rodenticide Act (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; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

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

a. Revise the EPA Registration Number to read, "EPA Reg. No. 10163-211.

b. Please move the "Environmental Hazards Statement" to the Precautionary Statements area of the label.

3. Submit one copy 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.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

KAF

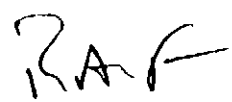
MAY 17 1994

Bedwards 5/17/94 A: 10163/211.1

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.

Sincerely yours,



Robert A. Forrest  
Product Manager (14)  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

- ) Enclosure:           1) Stamped label  
                              2) A-79 Enclosure

1

WORK COPY

# GOWAN DIMETHOATE TECHNICAL FOR MANUFACTURING USE ONLY

<b>Active Ingredient: Dimethoate</b>	
[0,0-Dimethyl S-(N-(methylcarbamoyl)methyl) phosphorodithioate]	96.0%
<b>Inert Ingredients:</b>	4.0%
<b>Total:</b>	100.0%

## KEEP OUT OF REACH OF CHILDREN WARNING-AVISO

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.)

### STATEMENT OF PRACTICAL TREATMENT

#### • Organophosphate Insecticide

Call a Poison Control Center or a physician immediately. If a known exposure occurs or is suspected, immediately start the recommended procedures below. Simultaneously contact a Poison Center, a physician, or the nearest hospital. Inform the person contacted of the type and extent of exposure, describe the victim's symptoms, and follow the advice given. ALWAYS KEEP THE VICTIM CALM, QUIET AND LYING DOWN if possible.

- **NOTE TO MEDICAL PERSONNEL:** Exposure may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM (Protopam Chloride) is also antidotal when administered early and in conjunction with atropine. (Physicians; see Note To Physician under Precautionary Statements)

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Give several glasses of water and induce vomiting by gagging the victim with a finger placed on the back of the victim's tongue or throat. Continue until vomit fluid is clear. If victim is unconscious or convulsing, do not induce vomiting or give anything by mouth.

**IF INHALED:** Remove to fresh air. If not breathing, clear victim's airway and start mouth-to-mouth artificial respiration. If breathing is difficult, give oxygen, preferably with a physician's advice. Do not apply mouth-to-mouth artificial respiration if exposure was by swallowing.

**IF ON SKIN:** Flush all affected areas with plenty of soap and water for several minutes. Seek medical attention if skin irritation occurs or symptoms of poisoning develop. Remove contaminated clothing and wash before reuse.

**IF IN EYES:** Hold eyelids apart and flush eyes with plenty of water for 15 minutes. Get medical attention if irritation persists.

**FOR 24-HOUR EMERGENCY ASSISTANCE, CALL CHEMTREC: (800) 424-9300.**

EPA Reg. No. 10163-\_\_\_\_  
EPA Est. No. 67545-AZ-1

ACCEPTED  
WITH COMMENTS  
in EPA Letter Dated

GOWAN COMPANY  
P.O. Box 5569  
Yuma, AZ 85366

MAY 17 1994

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

10163-211

**BEST AVAILABLE COPY**

## Precautionary Statements

Hazards to Humans and Domestic Animals

### WARNING

#### Hazard to Humans

Harmful and may be fatal if swallowed, inhaled, or absorbed through skin. Causes substantial but temporary eye injury. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor or spray mist. Wear protective clothing, rubber gloves and a mask or pesticide respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute for Safety and Health. Wash thoroughly with soap and water after handling and before eating, drinking, using the toilet, chewing gum or using tobacco. Remove contaminated clothing and wash before reuse. Avoid contamination of food and feed.

#### NOTE TO PHYSICIAN

Antidote: administer atropine sulfate in large doses. 2 to 4 mg. intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 5 or 10 minute intervals until signs of atropinization appear. 2-PAM chloride is a pharmacological antidote and may be administered as an adjunct to, but not as a substitute for, atropine which is a symptomatic and often life-saving antidote. DO NOT GIVE MORPHINE OR TRANQUILIZERS. Dimethoate is a 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 relapse have been reported after initial improvements; VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

#### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. This pesticide is for the further manufacture of formulated insecticides only. Formulators using this product are responsible for obtaining EPA registration for their formulated products. Only for formulation into insecticide products for the following uses:

##### TERRESTRIAL NONDOMESTIC FOOD CROPS:

alfalfa, alfalfa (seed only), apples, beans (snap, dry and lima), broccoli, cabbage, citrus (grapefruit, oranges, lemon, and tangerine), melons, cauliflower, celery, cherries, collards, field corn, endive (escarole), kale, lettuce, mustard greens, pears, peas, peppers, potatoes, spinach, Swiss chard, tomatoes, turnips, wheat, cotton, grapes, pecans, safflower, sorghum (milo), soybeans.

##### TERRESTRIAL DOMESTIC FOOD CROPS:

apples, beans (snap, dry and lima), broccoli, cabbage, citrus (grapefruit, oranges, lemon, and tangerine), melons, cauliflower, celery, cherries, collards, endive (escarole), kale, lettuce, mustard greens, pears, peas, peppers, potatoes, spinach, Swiss chard, tomatoes, turnips, grapes, pecans.

##### TERRESTRIAL NONDOMESTIC NONFOOD USES:

non-bearing citrus (trees that will not bear fruit for one year and nursery stock); around homes, recreation areas, animal quarters, food processing plants (including federally inspected meat-packing plants(except where meat and food are handled or processed),

**BEST AVAILABLE COPY**

warehouses, loading docks, refuse areas, manure piles, garbage dumps, ornamentals(American Holly, English Holly, arborvitae, azalea, birch, boxwood, camellia, carnation, cedar, cyperus, daylilies, Elaeagnus, elm, Euonymus, Ficus nitidia, gardenia, gerberas (Transvaal daisy), gladiolus, hemlock, iris, juniper, oak, pine, poinsettia, pyracantha, virburnum, rose, taxus (yew), [24(c) registrations: roadsides, grass grown for seed, cacti and succulents, ferns and foliated potted plants.]

#### TERRESTRIAL DOMESTIC NONFOOD USES:

ornamentals (see list above), around homes

#### INDOOR USES:

dairy barns, poultry houses (including poultry droppings in caged layer houses), hog pens, calf barns and other farm buildings, in federally inspected meat plants except where meat food products are processed or handled.

#### Environmental Hazards

*Move to 24(c) registrations*  
This product is toxic to wildlife 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 in an NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your Regional Office of the Environmental Protection Agency.

#### Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Storage: Store in a secure, cool, dry place and keep container tightly closed. Dimethoate is stable for a long period when stored under temperatures not exceeding 20/23° C (68/74° F). Dimethoate should not be heated above 35° C (95° F). At higher temperatures dimethoate will decompose rapidly.

Pesticide: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If pesticide, spray mixture or rinsate 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: Triple rinse (or equivalent). Then puncture and dispose of in a sanitary landfill, offer for recycling, or incinerate, or burn, if allowed by state and local authorities. Stay out of smoke from burning container.

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 and disposal of wastes.

#### NOTICE ON CONDITIONS OF SALE

Recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practices. The buyer assumes all responsibility including injury or damage, resulting from its misuse as such, or in combination with other materials.

**BEST AVAILABLE COPY**