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510-1-56
MONITOR 4 Spray
EPA Reg. No. 239-2404
Submitted: October 2, 1987

COPY A

Fatal if swallowed, inhaled or absorbed through skin! Do not breathe vapor or spray mist. Wear a MSHA/NIOSH approved pesticide respirator. Rapidly absorbed through skin! Do not get in eyes, on skin, or on clothing. Wear protective clothing, rubber gloves and goggles. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

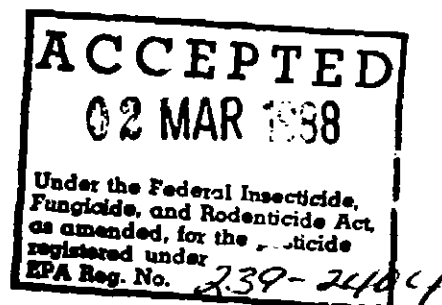
COPY B

If swallowed, drink 1 or 2 glasses of water or milk and induce vomiting by touching back of throat with finger. If possible contact a physician, Poison Control Center, or emergency center before inducing vomiting. Do not induce vomiting or give anything by mouth to an unconscious person. Take person and product container to the nearest emergency treatment center.

If inhaled, remove victim to fresh air. If not breathing, give artificial respiration and get medical attention immediately.

If on skin, remove contaminated clothing immediately and wash skin thoroughly with soap and water. Get medical attention immediately.

If in eyes, hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention immediately. **Note to Physicians:** Emergency Information - call (415) 233-3737. Methamidophos is a cholinesterase inhibitor. Measurement of blood cholinesterase activity may be useful in monitoring exposure. If signs of cholinesterase inhibition appear, atropine sulfate is antidotal. 2-PAM (Protopam) is also antidotal and may be used in conjunction with atropine, but should not be used alone.



PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS DANGER

Fatal if Swallowed, Inhaled, or Absorbed through Skin! Do not breathe vapor. Wear a pesticide respirator, jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11. Rapidly Absorbed Through Skin! Do not get in eyes, on skin, or on clothing. Wear natural rubber gloves, protective clothing and goggles. Wash hands, arms and face thoroughly with soap and water before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse.

STATEMENT OF PRACTICAL TREATMENT

ANTIDOTE: If Swallowed—Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger and repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person. Have victim lie down and keep quiet. **CALL A PHYSICIAN IMMEDIATELY! Tell the Physician: Emergency Information—call (415) 233-3737.** Atropine is Antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine. **If On Skin**—In case of contact, remove contaminated clothing and immediately wash skin with soap and water and get medical attention. **For Eyes**—In case of contact, flush immediately for 15 minutes with plenty of water and get medical attention.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to birds and other wildlife. Birds and other wildlife in treated areas may be killed. Do not apply directly to water bodies or wetlands (e.g., lakes, streams, ponds, canals). 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 OR STORE near flame, sparks or hot surfaces. **USE ONLY IN WELL VENTILATED AREA.** Keep container closed. Clean up spills immediately. Liquid evaporates and forms vapor (fumes) which can catch fire and burn with explosive violence. Invisible vapor spreads easily and can be set on fire by many sources such as pilot lights, welding equipment and electrical motors and switches. Fire hazard is greater as liquid temperature rises above 85°F.

DO NOT weld, heat or drill this container. Replace cap or bung. Emptied container still contains hazardous or explosive vapor or liquid.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

REENTRY STATEMENT

Keep all unprotected persons out of operating areas or vicinity where there may be danger of drift. Do not enter treated areas without protective clothing until sprays have dried.

Certain states may require more restrictive reentry intervals; consult your State Department of Agriculture for further information.

Written or oral warnings regarding use of protective clothing and accidental exposure must be given to workers who are expected to be in treated areas or in areas about to be treated. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers.

When oral warnings are given, warnings shall be given in a language customarily understood by workers and must indicate the specific period of time that treated areas may not be entered without protective clothing. Oral warnings must also include appropriate first aid instructions in case of accidental exposure. These instructions are given in the STATEMENT OF PRACTICAL TREATMENT at the beginning of this label.

Written warnings must include the following information: "DANGER: Area treated with MONITOR 4 Spray on (date of application). Do not enter treated areas without appropriate protective clothing until sprays have dried (or other reentry interval if your State has a more restrictive interval for this product). If accidental exposure occurs, follow the instructions below." (Written warnings must include the STATEMENT OF PRACTICAL TREATMENT given at the beginning of this label.)

DIRECTIONS

Apply to potatoes only by sprinkler irrigation systems. Do not apply by chemigation to any other crop, or this crop using any other type of irrigation system.

USE DESIGNATED AMOUNT OF PRODUCT IN THE FOLLOWING GALLONS OF WATER PER ACRE UNLESS OTHERWISE NOTED
GROUND APPLICATION — 25 to 125 gals. water
AIR APPLICATION — 3 to 10 gals. water

CABBAGE (Includes Tight Heading Varieties of Chinese Cabbage), **BROCCOLI**, **BRUSSELS SPROUTS**, **CAULIFLOWER**: Cabbage Looper, Imported Cabbageworm, Diamondback Moth Larvae, Aphids: 1 to 2 pts (0.5 to 1.0 lb. active) per acre. In A Preventive Program — Beginning when the plants are small, use the 1 pt. rate (0.5 lb. active) and apply at 7 day intervals. For Clean-Up of Existing Populations — Use 1 1/2 to 2 pts (0.75 to 1.0 lb. active) per acre. Do not apply to cabbage later than 35 days before the first harvest, to Brussels sprouts later than 14 days before the first harvest, or to cauliflower later than 28 days before the first harvest. For broccoli, do not apply the 1 pt. (0.5 lb. active) rate later than 14 days before the first harvest; do not apply the higher rates later than 21 days before the first harvest.

CELERY (Florida Only): Dipterous Leafminers — 1 to 2 pts (0.5 to 1.0 lb. active) per acre. Up to 10 applications may be made at 7 to 10 day intervals using ground equipment only. Do not apply within 21 days of harvest. Plants should be field trimmed.

RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators or other persons trained, supervised, licensed, and only for those uses covered by the Certificate of Registration.



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MONITOR

4 Spray

(INSECTICIDE)



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KEEP OUT OF REACH OF CHILDREN DANGER—PESTICIDE

FOR AGRICULTURAL USE ONLY

DO NOT STORE IN AREAS ACCESSIBLE TO CHILDREN
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONS
PRECAUCION AL USUARIO: Si usted no lee la etiqueta, no use este producto hasta que la etiqueta le haya sido explicada.

NET CONTENTS 1 GALLON

(tops removed) before shipping or use. Celery trimmings cannot be fed to livestock and treated celery cannot be dried for celery flakes

COTTON: Cabbage Looper, Beet Armyworm, Lygus Bugs (California and Arizona Only), Aphids, Thrips, Mites: 1 to 2 pts. (0.5 to 1.0 lb. active) per acre. **Whiteflies:** 1/2 to 1 pt. (0.25 to 0.5 lb. active) per acre. Apply as needed up to 50 days before harvest and before the bolls open. For whiteflies, a second application may be needed for heavy infestations. Do not feed on trash to livestock or allow animals to graze on treated areas

SUGAR BEETS (Arizona and California Only): Green Peach Aphid: 1 to 2 pts. (0.5 to 1.0 lb. active) per acre. Repeat at 14 day intervals as needed. Do not apply more than 6 applications of MONITOR 4 Spray per crop season. Do not apply within 30 days of harvest.

SUGAR BEETS (Seed Crop Only — California and Arizona Only): Aphids, Mites — Apply 1 to 2 pts per acre. Use a minimum of 15 gals. water per acre with ground equipment or a minimum of 3 gals. water per acre with aircraft equipment. Repeat as necessary. Do not apply within 30 days of harvest of roots or tops for food/feed use. Do not use seed from treated plants for food or feed.

POTATOES: Aphids, Potato Tubeworm, Cabbage Looper, Colorado Potato Beetle (Except Long Island, New York), Flea Beetles, Potato Leafhopper — 1 1/2 to 2 pts. (0.75 to 1.0 lb. active) per acre. Apply in a 7 to 10 day preventive program or as necessary. Resistance to Colorado potato beetle has occurred in other areas. Consult your local extension service for details. Do not apply later than 14 days before harvest.

CHEMIGATION-POTATO

SPRINKLER IRRIGATION APPLICATION TO POTATOES:

This product may only be applied through sprinkler irrigation systems including center pivot, lateral move, end tow, side (wheel) roll, travelers, big gun, solid set, or hand move. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop may result from non-uniform distribution of treated water.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the label-prescribed safety devices for public water supplies are in place

A person knowledgeable of the chemigation system and responsible for its operation shall shut the system down and make necessary adjustments should the need arise.

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump

The pesticide injection pipeline must also contain a functional, normally closed solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock

Do not apply when wind speed favors drift beyond the area intended for treatment

Solid Set Systems: Apply specified dosage over the entire length of the irrigation period or for a 30 to 60 minute period at the end of a regular irrigation set or 30 minute injection as a separate application not associated with a regular irrigation. Allow time for all lines to flush pesticide through all nozzles before turning off irrigation water. To ensure the lines are flushed and free of remaining pesticide, a dye indicator may be injected into the lines to mark the end of the application period. See NOTE.

Center Pivot Systems: Inject the specified dosage per acre continuously for one complete revolution of the system. See NOTE.

NOTE: Constant agitation must be maintained in the chemical supply tank during the entire period of insecticide application. Inject the product with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing. Application of more than label recommended quantities of irrigation water per acre may result in decreased product performance by removing the chemical from the zone of effectiveness.

POSTING

Posting of areas to be chemigated is required when 1) any part of a treated area is within 300 feet of sensitive areas such as residential areas, labor camps, businesses, day care centers, hospitals, in-patient clinics, nursing homes or any public areas such as schools, parks, playgrounds, or other public facilities not including public roads, or 2) when the chemigated area is open to the public such as golf courses or retail greenhouses

Posting must conform to the following requirements. Treated areas shall be posted with signs at all usual points of entry and along likely routes of approach from the listed sensitive areas. When there are no usual points of entry, signs must be posted in the corners of the treated areas and in any other location affording maximum visibility to sensitive areas. The printed side of the sign should face away from the treated area towards the sensitive area. The signs shall be printed in English. Signs must be posted prior to application and must remain posted until foliage has dried and soil surface water has disappeared. Signs may remain in place indefinitely as long as they are composed of materials to prevent deterioration and maintain legibility for the duration of the posting period

All words shall consist of letters 2 1/4 inches tall, and all letters and the symbol shall be a color which sharply contrasts with their immediate background. At the top of the sign shall be the words **KEEP OUT**, followed by an octagonal stop sign symbol at least 8 inches in diameter containing the word **STOP**. Below the symbol shall be the words **PESTICIDES IN IRRIGATION WATER**.

Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

STORAGE AND DISPOSAL

PROHIBITIONS

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

STORAGE

Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Not for use or storage in or around the home. Do not store next to feed or food, or transport in or on vehicles containing foodstuffs or feeds. Store in a cool, dry place. Protect from heat. For help with any spill, leak, fire or exposure involving this material, call day or night (415) 233-3737.

PESTICIDE DISPOSAL

This product is acutely hazardous. Improper disposal of excess pesticide, spray mixture, or residue 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

Triple rinse (or equivalent). Do not reuse container. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or dispose of by other procedures allowed by State and local authorities.

CONDITIONS OF SALE: 1. Chevron Chemical Company (Chevron) warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. Chevron neither makes, nor authorizes any agent or representative to make, any other warranty of FITNESS or of MERCHANTABILITY, guarantee or representation, express or implied concerning this material.

2. Critical and unforeseeable factors beyond Chevron's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Chevron under 1 above) resulting from handling, storage, and use of this material.

Manufactured for

Chevron Chemical Company © 1983

Ortho Agricultural Chemicals Division

San Francisco CA 94120-7144

R Form 8373-D2 Product 5197 Made in U.S.A.

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