

\AMVAC\5481-290.LA1 HD #26
EPA Reg. No. 5481-290

This Copy is in Response to the 04-24-87 Captan label amendment document.
Product Uses Captan TGAI EPA Reg. No. 239-1246.

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
Applicators Certification. 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.

APPLE DUST NO. 3

**FOR CONTROL OF APPLE SCAB, APPLE RUST, POWDERY MILDEW,
CODLING MOTH, RED BANDED LEAF ROLLERS AND PLUM CURCULIO**



ACTIVE INGREDIENTS:

Sulfur	6.00%
*Captan	3.78%
Related Derivatives	0.22%
**Ferbam	1.50%
Parathion (0,0 diethyl-o-p- nitrophenyl phosphorothiate)	1.00%
INERT INGREDIENTS:	<u>87.50%</u>
Total	100.000%

CERTIFIED
Per self cert
OCT 13 1987
5481-290

*N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide
**Ferric Dimethyldithiocarbamate.

KEEP OUT OF REACH OF CHILDREN

SKULL & DANGER - POISON & SKULL
X-BONES & X-BONES
PELIGRO red ink

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

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.
IF INHALED: Remove victim to fresh air. Give artificial respiration if needed. Get medical attention immediately.
IF ON SKIN: Remove contaminated clothing and wash affected area immediately with soap and water. Call a physician immediately.
IF IN EYES: Immediately flush eyes with plenty of water. Call a physician immediately.
SEE NOTE TO PHYSICIAN UNDER ANTIDOTE AND FIRST AID TREATMENT ON THIS LABEL

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS
EPA REG. NO. 5481-290 EPA EST. NO. 5481-CA-1

NET WEIGHT 50 POUNDS

AMVAC CHEMICAL CORPORATION
4100 EAST WASHINGTON BLVD
LOS ANGELES CA 90023

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PRECAUTIONARY STATEMENT
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Poisonous if swallowed, inhaled or absorbed through the skin & eyes. Rapidly absorbed through the skin. Repeated inhalation or skin contact may without symptoms, progressively increase susceptibility to PARATHION poisoning. Do not swallow or get in eyes, on skin or on clothing. Do not breathe vapors. Do not contaminate food or feed products. Wear chemically resistant gloves and waterproof protective clothing and goggles or face shield. Replace gloves frequently and destroy used gloves. Wear a mask or respirator of a type jointly approved by the Mine Safety and Health Administration and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11 approved for PARATHION protection. Wash thoroughly with soap and water after handling & before eating or smoking. Pilot should not assist in mixing and loading operation. Do not contaminate or store near food or feedstuff. Note section on Reentry Statement.
IMPORTANT: Not for use or storage in or around the home. Keep animals and unprotected persons out of operational areas and while there is a danger of drift. In case of spillage, decontaminate areas and equipment by washing with a dilute solution of alkali (less than 5%) & detergent & rinse with water.

NOTE TO PHYSICIAN - - - POISONING SYMPTOMS

Parathion is a highly toxic cholinesterase inhibitor. Symptoms include weakness, headache, tightness in chest, blurred vision, non reactive pin point pupils, salivation, sweating, nausea, vomiting, diarrhea, & abdominal cramps.
TREATMENT - Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation Atropine should be injected at 10 minute intervals in doses of 1 to 2 milligrams until complete atropinization has occurred. Pralidoxime chloride (2-PAM chloride) may also be used as an effective antidote in addition to and while maintaining full atropinization. In adults, an initial dose of 1 gram of 2-PAM should be injected, preferably as an infusion, in 250 cc of saline over a 15 to 30 minute period. If this is not practical, 2-PAM may be administered slowly by intravenous injection as a 5% solution in water over not less than 2 minutes. After about an hour, a second dose of 1 gram of 2-PAM will be indicated if muscle weakness has not been relieved. For infants and children, the dose of 2-PAM is 0.25 grams. Morphine is an improper treatment. Clear chest by postural drainage. Oxygen administration may be necessary.
Observe patient continuously for 48 hours. Repeat exposure to cholinesterase inhibitor may without warning cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until time for cholinesterase regeneration has been attained as determined by a blood test. For 24 hours emergency medical assistance call (213) 264-3910. OR The National Pesticide Telecommunication Network 1-800-858-7374

PRECAUTIONS FOR AGRICULTURAL USES

Mixers, loaders, and applicators, when mixing, loading and applying, must wear mid-forearm to elbow-length natural or synthetic rubber or vinyl chemically resistant gloves, boots or overshoes; one-piece overalls which have long sleeves and long pants; face shield or goggles, and a hat or other appropriate head covering. Fieldworkers and harvesters must wear natural or synthetic rubber, or vinyl chemically resistant gloves. Leather or fabric gloves are not acceptable.

A DUST MASK must be worn when mixing and loading this product. Clothing worn while loading, mixing, and applying this product must be laundered separately from other clothing before reuse. Clothing that may have been drenched or heavily contaminated must be disposed of in accordance with State and local regulations. Applicators protection may also be obtained by use of an enclosed tractor cab with a properly filtered air supply.

RE-ENTRY AND WORKER SAFETY STATEMENT

Reentry into treated fields is prohibited for 4 days after application, unless protective clothing and equipment required for early reentry as described elsewhere on the label are worn.
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 without protective clothing until dusts have settled-(4 DAYS). Because certain states may require more restrictive re-entry 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 treated areas or in an area to be treated with this product. (Indicate specific oral warnings which inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take 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 ETHYL PARATHION
(Date) Do not enter treated areas for 4
DAYS unless appropriate protective clothing is
worn. In case of accidental exposure see STATEMENTS OF
PRACTICAL TREATMENT found on the APPLE DUST NO. 5
product label.

DIRECTIONS FOR USE

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

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ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish and wildlife. Fish and other aquatic organism in treated areas may be killed. When treating lakes or other open bodies of water apply only to shallow edges. Consult with State Fish and Game Departments before applying to public waters. Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals. 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.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. **STORAGE:** Store product in original container in a cool, dry, locked place out of reach of children. If product is involved in a significant "spill", call CHEMTREC 1-800-424-9300 or (213) 264-3910. Wear a pesticide respirator approved for Ethyl Parathion. Avoid forming dust clouds during clean-up. Sweep up & place in labeled drum. Dispose of according to the instructions below in pesticide 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 nearest State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance. **CONTAINER DISPOSAL:** DO NOT REUSE EMPTY BAG. Completely empty bag into application equipment. Then (use of empty bag in a sanitary landfill), or by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke!

PROTECTIVE CLOTHING STATEMENTS

*THIS PRODUCT MAY BE FATAL IF SWALLOWED, INHALED, OR IF ALLOWED TO CONTACT SKIN. FAILURE TO PROPERLY FOLLOW ALL INSTRUCTIONS FOR PROTECTION CLOTHING AND EQUIPMENT WILL INCREASE YOUR RISK.

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 FIELDS.

PROTECTIVE CLOTHING STATEMENTS (cont)

WATERPROOF PANTS AND COAT, HEAVY DUTY CHEMICAL-RESISTANT GLOVES; RUBBER BOOTS OR RUBBER OVERSHOES; HOOD OR WIDE-BRIMMED HAT; SAFETY GOGGLES, OR FACE SHIELD; NIOSH APPROVED RESPIRATOR. IN ADDITION, MIXER/LOADERS MUST WEAR A CHEMICAL RESISTANT APRON WHEN USING THE CONCENTRATED PRODUCT. DURING AERIAL APPLICATION IN NONENCLOSED

COCKPITS, A HELMET WITH A VISOR MAY BE SUBSTITUTED FOR THE HOOD OR WIDE-BRIMMED HAT AND SAFETY GOGGLES OR FACE SHIELD REQUIREMENTS.

IF MIXING/LOADING IS PERFORMED USING A CLOSED SYSTEM, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE. Heavy-duty chemical resistant glove; chemical resistant apron; longsleeved shirt (or gauntlet & short sleeve shirt) & long-legged pants, shoes & socks.

Safety 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. Clean long-sleeved shirt and long-legged pants. All other protective clothing and equipment required for use during application must be available in the cab and must be worn when existing the cab into treated areas. If 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 NOT INTENDED TO PROTECT YOU DURING REPAIR AND CLEANING OF APPLICATION EQUIPMENT OR DURING EARLY REENTRY! REFER TO THE INSTRUCTIONS ABOVE. ...HUMAN FLAGGERS ARE STRICTLY PROHIBITED DURING AERIAL APPLICATION.....

(DIRECTIONS FOR USE Cont.)

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.

Application should be made by experienced personnel using approved safety equipment by aircraft or ground equipment. Aircraft and ground equipment operators are cautioned to work so that the dust is carried downwind from the aircraft or vehicle.

Personnel who use Parathion must be provided medical supervision in accordance with the regulation of the State Department of Industrial Relations. Users of Parathion are required to observe regulation of the Department of Agriculture relating to injurious materials. Parathion may not be used as an aerosol or fog, as an indoor treatment or in an oil dilution. Use particular care to avoid damage whenever spraying over areas containing fish or wildlife. For usage other than as specified herein, follow directions on the label.

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AFTER WORK: Wash gloves with soap and water before removing. Take off all work clothes and shoes. Store protective clothing separately from personal clothing. Launder protective clothing after each use. Shower using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Personal clothing worn during mixing/loading, application, repair, and cleaning of application equipment, disposal of pesticide, and early reentry into treated fields must be stored and laundered separately from household articles. Clothing and equipment heavily contaminated or drenched with parathion must be destroyed according to State and local regulations.

NOTICE: This product conforms to its chemical description and is reasonably fit for the purpose stated on the label, when used in accordance with directions under normal conditions of use. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the manufacturer and/or seller and the buyer assumes the risk of any such use.

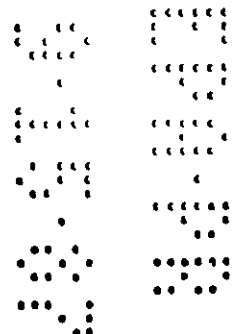
HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED. Respirators should be cleaned and cartridges replaced according to instructions included with respirators. Replace gloves frequently.

Spray thoroughly for complete coverage. This product is not to be used around homes or home gardens.

DIRECTIONS FOR USE (Cont.)

FOR APPLES

For control of Apple Scab, Rust, Powdery Mildew, Codling Moth, Leaf Roller, and Plum Curculio use at rate of 50 lbs. per acre dusting thoroughly to give coverage to undersides of leaves. Use in place of petal fall and first cover spray in times of adverse weather when spraying is not possible. Do not apply within 15 days of harvest. Sulfur may burn foliage when temperatures are excessively high. Do not use sulfur on apple foliage with 10 to 14 days of an oil spray.



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