

PM 19 19713-322

10/14

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	19713-322	October 29, 1991
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	TERM OF ISSUANCE	
	Until Reregistration	
NAME OF PESTICIDE PRODUCT		
Seis-Tres 6-3		

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Drexel Chemical Company
 P.O. Box 9306
 Memphis, Tennessee 38109

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 FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA sec. 3(c)(5) or FIFRA sec. 4 when the Agency requires all registrants of similar products to submit such data.

2. Make the following label changes:

- a. Add the phrase, "EPA Registration No. 19713-322." Delete the old Registration Number (19713-83).
- b. Revise the Restricted Use Statement to read as follows:

For retail sale only to certified commercial aerial applicators or persons under their direct supervision. For use only by certified commercial aerial applicators. Direct supervision for this product is defined as a certified commercial applicator being physically present during mixing, loading, repair and cleaning of application equipment. Certified commercial applicators must also ensure that all persons involved in these

ATTACHMENT IS APPLICABLE TO THESE STATEMENTS

SIGNATURE OF APPROVING OFFICIAL	DATE
Dennis H. Edwards	10/29/91

- c. The parathion technical ingredient used in this formulation contains 95% pure active ingredient and 3% related compounds. Additionally, the methyl parathion technical contains 77% pure active ingredient and 3% related compounds. The active ingredient statement for this product must be revised to reflect these percentages, it should be written as follows:

ACTIVE INGREDIENTS:

Parathion (O,O-diethyl O-p-nitrophenyl phosphorothioate).....	55.63%
Related compounds.....	1.76%
O,O-dimethyl O-4-nitrophenyl phosphorothioate.....	27.61%
Related compounds.....	1.06%
INERT INGREDIENTS.....	<u>13.94%</u>
Total	100.00%

- d. In the footnote to the Ingredients Statement, delete the reference to "100%" parathion and "100%" methyl parathion. These technicals are not 100%.
- e. Add the Skull & Crossbones symbol (in red, for the final printing) to the front panel, as required for all Toxicity Category I pesticides.
- f. In the Statement of Practical Treatment, delete the phrase "...for at least 15 minutes" from the instructions for "If In Eyes".
- g. Correct the following phrase under the Precautionary Statements by adding the word "to":

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

- h. The Environmental Hazards Statement must be revised to read as directed by the 1986 Ethyl Parathion Registration Standard for Nongranular products (non-aquatic uses):

This pesticide is highly toxic to fish and wildlife. Birds in treated areas may be killed. Do not apply directly to water or wetlands (swamps, marshes, bogs and potholes). Run-off and drift from target areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water by cleaning of equipment or disposing of equipment washwaters.

- i. On page six, under the heading of "Limits on Application - Aerial Application Only", insert the

word "only" into the first sentence (This product may only be applied aerially...).

- j. Delete the text entitled "General Warnings and Limitations" on page eight since it implies treatment of soils.
- k. In the crop listing on page 4, delete the reference to sunflowers, or else provide use directions for this crop.

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.

DHE

Dennis H. Edwards Jr.
Product Manager 19
Insecticide-Rodenticide Branch
Registration Division (H7505C)

enclosure

PM 19 1973-83

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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 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.

SEIS-TRES 6-3

For Controlling Certain Insects On Field, And Forage Crops

ACTIVE INGREDIENTS:

Parathion (0,0-diethyl 0-p-nitrophenyl phosphorothioate)*	57.39%
0,0-dimethyl 0-4-nitrophenyl phosphorothioate*	28.69%
INERT INGREDIENTS:	13.92%
TOTAL.	100.0%

*Equivalent to 6.0 lbs. of 100% Parathion and 3.0 lbs of 100% Methyl Parathion per gallon.

ACCEPTED
with COMMENTS
in EPA Letter Dated

EPA REG. NO. 19713-83
EPA EST. NO. 19713-MS-1

OCT 29 1991

KEEP OUT OF REACH OF CHILDREN

DANGER
PELIGRO

POISON
VENENO

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 19713-83-22

CAN CAUSE DEATH

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

STATEMENT OF PRACTICAL TREATMENT

FIRST AID TREATMENT: Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to 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 for at least 15 minutes while removing contaminated clothing and shoes. See doctor immediately

**PRECAUTIONARY STATEMENTS
DANGER
HAZARDS 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 clothes).

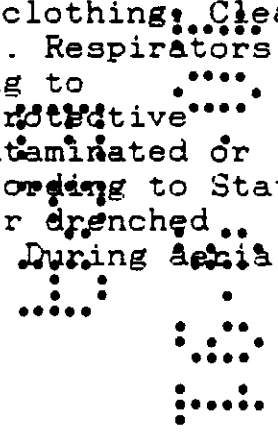
CAN KILL IF BRRATHED: This product can kill you if vapors or spray mist are breathed.

WORK SAFETY RULES:

The National Pesticide Telecommunication Network is available for recommendations regarding poisoning management, emergency treatment, and other information regarding the toxicity of parathion. The toll free number for the National Pesticide Telecommunication Network is 1-800-858-7378. If handled indoors, provide mechanical exhaust ventilation. Keep all unprotected persons, children, livestock, and pets away from treated area or where there is danger of drift. 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.

IMPORTANT! 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.

AFTER WORK: Before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower using soap and water. Wear only clean clothes when leaving the job. Do not wear contaminated clothing. Personal clothing worn during work must be stored and laundered separately from protective clothing and household articles. Store protective clothing separately from personal clothing. Clean or launder protective clothing after each use. Respirators must be cleaned and filters replaced according to instructions included with the respirators. Protective clothing and protective equipment heavily contaminated or drenched with parathion must be destroyed according to State and local regulations. Heavily contaminated or drenched clothing cannot be adequately decontaminated. During aerial application, human flaggers are prohibited.



POISON SIGNS (Symptoms)

Parathion is a very dangerous poison. It rapidly enters the body on contact with all skin surfaces and eyes. Clothing wet with this material must be removed immediately. 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

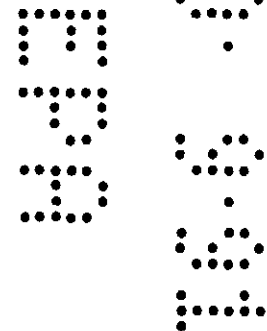
Antidote: Administer atropine sulfate in large doses two to four mg. intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 5 to 10 minute intervals until signs of atropinization appear. 2-PAM chloride is also antidotal and may be administered in conjunction with atropine. DO NOT GIVE MORPHINE OR TRANQUILIZERS. Parathion is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respirator 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 fatal relapses have been reported after initial improvement. VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish, aquatic invertebrates, and wildlife. Birds in treated area may be killed. Shrimps and other aquatic organisms may be killed at recommended application rates. Do not apply directly to water, to areas where the 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 extremely 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 crop or weeds if bees are visiting the treatment area.

PHYSICAL AND CHEMICAL HAZARDS

Do not use 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.

This product may not be applied to any crops other than alfalfa, barley, corn, cotton, sorghum, soybeans, sunflower and wheat. Any treated crops may be harvested only by mechanical means; hand harvesting of a treated crop is prohibited.

LIMITS ON APPLICATION

Aerial Application Only: This product may be applied aerially, and only by a certified commercial applicator as defined in FIFRA 2(e)(3).

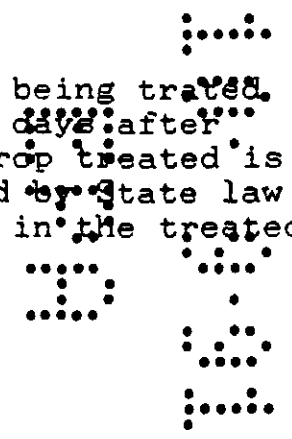
Areas Where Application Is Prohibited: This product may not be applied within 100 feet of buildings, public roads or bodies of water. Parathion may not be applied within 100 feet of property lines unless the owner of the adjacent property has given prior written consent to the application and has been informed of the timing of the application and the appropriate reentry requirements.

Drift Reduction Measures: Do not apply this product if the wind exceeds 10 miles per hour. Apply only from nozzles located not more than 75% of the distance from the center of the aircraft to the wing tip or helicopter rotor tip.

Notification To Land Owners: A certified commercial applicator shall not apply this product to a person's property unless the applicator has notified the person in writing no more than 12 months before the date of the application of the requirement that crops treated with parathion be harvested mechanically; the appropriate reentry interval and the requirements concerning reentry set forth on this label; and the incident reporting requirements set forth on this label.

REENTRY STATEMENT

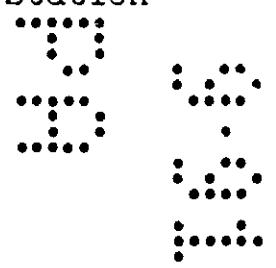
General Reentry Limitation: While an area is being treated with this product and during the first three days after treatment (six days after treatment if the crop treated is corn) or any longer period of time prescribed by State law or regulation, no person may enter or remain in the treated area or within 100 feet of the treated area.



Exception: After four (4) hours have passed since the end of the application, a person may enter an area under reentry restrictions to perform scouting or irrigation-related work in accordance with the following requirements:

- a) No person shall remain in an area under reentry restrictions for a total of more than 1 hour in any 24-hour period.
- b) Before entering the treated area, the person must have read the product labeling or have been informed, in a language that the person can understand, of all requirements of the product's labeling related to human hazards or precautions, first aid, symptoms of poisoning, personal protective equipment specified for early entry, and any other labeling requirements related to safe use.
- c) The person must wear personal protective equipment consisting of a cotton or other fabric coverall worn over a long-sleeved shirt and long pants, chemical resistant boots, and chemical resistant gloves, and shall take appropriate measures to prevent heat-related illness.
- d) The person must carry an eye-flush dispenser containing at least one pint of water.
- e) A reasonably accessible decontamination site must be available with adequate supplies of potable water for washing, soap, and single-use towels. After restricted reentry activity, the person must be provided soap, clean towels, and a sufficient amount of potable water for washing and must wash thoroughly after removing personal protective equipment.
- f) All personal protective equipment worn during restricted reentry must be laundered separately and must not be worn home.

Posting Of Treated Areas: Treated areas shall be posted with signs at all usual points of entry or in the corners of the treated areas affording maximum visibility. Written warnings must include the following information: DANGER: Area treated with parathion on (date). Do not enter. Consult your State Agricultural Extension Service or Experiment Station regarding posting treated areas.



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PROTECTION OF APPLICATORS, MIXER-LOADERS, AND MAINTENANCE PERSONNEL

Applicator Protection: The cockpit of the aircraft used to apply this product must be fully enclosed while the product is being applied. No pilot may apply this product if the pilot has earlier during the day of application performed any mixing/loading activities (other than acting as an observer) involving any pesticide product containing parathion.

Maintenance Personnel Protection: The following protective clothing and equipment must be worn during repair, cleaning of application equipment, and disposal of pesticide: waterproof-suit of one or two pieces covering all parts of the body except the head, hands, and feet; heavy-duty chemical resistant gloves; chemical resistant shoes (or chemical resistant shoe coverings or chemical resistant boots); goggles or face shield; hood or wide-brimmed hat; NIOSH approved respirator.

Mixer-loader Protection: An observer must be present during all mixing/loading activities in order to furnish assistance in the event of an accident. The observer may not act as a mixer-loader.

Any person involved in mixing/loading activities (other than the observer) must wear a cotton or other fabric coverall worn over a long-sleeved shirt and long pants, chemical resistant boots and gloves, and when the mixing/loading system is pressurized a chemically resistant apron and a face shield or goggles.

The liquid pesticide must be removed from its original shipping container and transferred through connecting hoses, pipes, and/or couplings that are sufficiently tight to prevent handlers or other persons from contacting the parathion concentrate, use dilution, or rinsate solution. A complete seal by dry break or screw-on coupling to the opening of the original container shall be required.

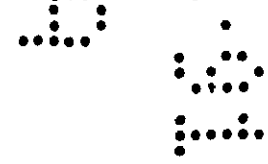
All hoses, piping, tanks, and connections used in the system shall be of a type appropriate for the product being used and the pressure and vacuum levels involved. The system shall be designed and operated so that the concentrated form of this product is not under more than 25 psi of pressure at any point in the system beyond or downstream from a pump producing positive pressure. The closed system must be adequate to make necessary measurements of the product being used. External sight gauges shall be equipped with valves so that the flow of pesticide to the sight gauge can be shut off in case of breakage or leakage from the gauge.

Shut-off devices must be installed on the exit end of all hoses and at all disconnect points to prevent leakage of parathion when the transfer is stopped and the hose is removed or disconnected. If a hose carried parathion concentrate and has not been rinsed in accordance with the instructions in this section, a dry couple shutoff device that will minimize parathion drippage to not more than 2 ml. per disconnect must be installed at the disconnect point. If the hose carried diluted-for-use parathion or rinsate solution, a reversing action pump or a similar system that will empty the hose and eliminate dripping of liquid from the end of the hose may be used as an alternative to a shut-off device.

In mixing/loading operations do not pour this product from its container. Before opening the container, make sure that the container is resting securely on the ground or a sturdy support, with the top (opening) end up and approximately level.

Remove the product from the container only by use of a vacuum-producing pump system connected to a probe system that is listed by the State of California under that State's program establishing criteria for closed-system handling of Toxicity Category I pesticides. Examples of California listed systems are the Chemprobe(R) Model II system sold by Cherlor Mfg. Co., Inc., P. O. Box 2174, Salinas, CA 93902, telephone 408-422-5477 or the Protect-O-Loader Model XM-1 system sold by Protecto Mfg. Co., 20189 Firerock Road, Bend, Or. 97701; telephone 503/382-6886. The probe system shall be screwed into the threaded opening in the top of the container to form a watertight connection, using appropriate adaptors provided by the probe manufacturer as necessary. The instructions provided by the seller of the probe system shall be followed, except that a removable probe may not be removed from the container until the container is empty and the container and probe have been thoroughly rinsed as required by this section.

The closed-system must provide for adequate rinsing of any removable probe and of all containers that are not labeled for return to the registrant. Rinsing must be done using a liquid that contains no pesticide. The rinsing system must be capable of spray-rinsing the inner surface of the container. The rinse solution shall be removed from the pesticide container concurrent with the introduction of the rinse medium. The rinse solution shall go into the pesticide mix tank or applicator vehicle via the closed system.



The system shall be rinsed according to the specifications of the manufacturer of the probe system, or, in the absence of such specifications, by moving at least one half of the container volume through the system. A minimum pressure of 15 psi shall be used for the spray rinse. Parathion containers shall be protected against excessive pressure during the container rinse operation. Measures shall be taken to prevent the spray rinse procedure from causing an increase in pressure on the inside of the container walls of more than 5 psi.

Either the operator of the closed system must have available at the time of operation a complete set of written instructions for proper operation of the system, or the certified applicator must document in writing before an operator uses the closed system that the operator has been adequately trained in the proper operation of the system.

INCIDENT REPORTING

A telephone notification must be made if mixing, loading, or use of a product containing parathion results in inadvertent or unexpected human exposure to the product or illness resulting from exposure to the product, spill of the product, an investigation by Federal, State or local authorities of allegations involving drift of the product, or the deaths of birds or other wildlife. The certified applicator or the owner of the treated land must notify by telephone the Chief, Compliance Branch, Office of Compliance Monitoring, U.S. EPA, at 202-260-3375 within seven days of becoming aware of the incident.

GENERAL INFORMATION

Aircraft should apply the recommended amount of Seis-Tres 6-3 in 1/2 to 3 gallon of water per acre. Always use sufficient water for adequate coverage of the crop foliage.

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 mature plants or with heavy insect infestation.

The amount given to use are the amounts of Seis-Tres 6-3 to apply per acre per application. The hazards and precautions for handling Seis-Tres 6-3 are equally applicable to it after dilution with water for spray application.

General Warnings and Limitations: Do not play any food or feed crop in parathion treated soils other than those with registered parathion uses.

ALFALFA: For control of aphids, alfalfa weevil larvae and adult weevils, alfalfa caterpillars, armyworms up to third instar, climbing cutworms and grasshoppers, use 1/4 to 2/3 pint per acre. For webworms and spider mites, use 1/2 pint per acre. For tortricid moths and clover leaf weevils, use 2/3 pint per acre. Do not spray legumes during bloom period to avoid injury to honey bees. California and Nevada regulations limit the use of this material to not more than 1/3 pint per acre. Reentry interval - 3 days. Do not apply Seis-Tres 6-3 within 15 days of harvest, pasturing, cutting or forage use.

CORN (Field, Hybrid, Sweet and Pop): For control of rootworm adults, use 1/3 pint per acre. For aphids, armyworms up to third instar, fall armyworms, budworms, spider mites and climbing cutworms, use 1/2 pint per acre. For stink bugs use 3/4 pint per acre. For European corn borer control use 3/5 pint per acre. Apply first spray when 75% of corn plants show SHOTHOLE feeding and follow with two additional sprays at 5 to 7 day intervals. Use sufficient water per acre to provide complete coverage and be certain whorls of plants are well treated. Do not apply to corn during the pollen shed period. Reentry interval - 6 days. Do not apply Seis-Tres 6-3 within 12 days of harvest, pasturing, cutting or forage use.

COTTON: For control of cotton leafworms, fleahoppers, lygus bugs, red spider mites, thrips and garden webworms, use 1/2 pint per acre. For control of cabbage loopers and boll weevils, use 2/3 to 1 1/3 pint per acre. For bollworms and budworms use 1 1/3 pints per acre. For aphids, cotton leaf perforators, armyworms up to third instar, stink bugs and saltmarsh caterpillars, use 1 pint per are. Application to cotton should be made at 4 to 5 day intervals until control is obtained. Reentry interval - 3 days. Do not apply Seis-Tres 6-3 within 12 days of harvest, cutting or forage use.

CAUTION: When necessary to enter treated cotton fields within 3 days after application, protective clothing should be worn. Do not apply within 7 days of harvest.

SMALL GRAINS (Wheat, Barley): For control of armyworms up to third instar, fall armyworms, winter grain mites and thrips, use 1/4 pint per acre. For aphids (greenbugs) use 1/3 pint per acre. For grasshoppers and brown wheat mites, use 1/2 pint per acre. For climbing cutworms, leafhoppers and Say's plant bugs, use 1/2 to 1/4 pint per acre. For chinch bugs and false chinch bugs, use 1 pint per acre. Reentry interval - 3 days. Do not apply within 15 days of harvest, pasturing, cutting or forage use.

SORGHUM: For control of corn earworms, corn leaf aphids, false chinch bugs and sorghum webworms, use 1/3 pint per acre. For sorghum midges, use 1/2 pint per acre. Leaf injury may occur on some hybrid varieties or sorghum. Spray a few rows a week or so before booting to test effects upon plants. Do not apply within 12 day of harvest. Reentry interval - 3 days.

SOYBEANS: For control of two-spotted mites, use 1/2 pint per acre. For stink bugs use 2/3 pint per acre. For bollworms, fall armyworms, green cloverworms, velvet bean caterpillars and webworms, use 7/8 pint per acre. Do not apply more than 2 applications per growing season. Reentry interval - 3 days. Do not apply Sies-Tres 6-3 within 20 days of harvest, pasturing, cutting or forage use.

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 temperature 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 materials while wearing appropriate protective equipment. Scrape up and dispose of in accordance with information given under PESTICIDE DISPOSAL. 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: Metal Containers - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

WARRANTY - CONDITION OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

In no case shall Drexel or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The forgoing is a condition of sale by Drexel Chemical Company and is accepted as such by the Buyer.

10/1/74