



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

JAN 28 1994

Cheryl Bohenic  
ZENECA INC.  
1800 CONCORD PIKE  
WILMINGTON, DE 19897

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 07/21/93 In Response to PR Notice 93-7  
EPA Reg. No. 10182-204  
ORDRAM 8-E AN EMULSIFIABLE LIQUID HERBICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable  
Printed with Soy-Cerium ink or other ink  
contains at least 50% recycled fiber

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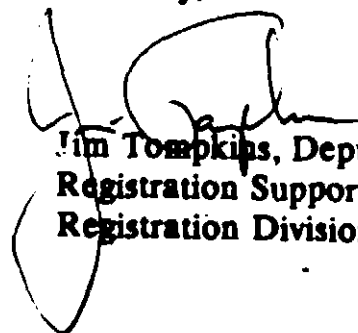
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

**ORDRAM® 8E Selective Herbicide**

Emulsifiable liquid herbicide for use on rice grown in California only

**ACTIVE INGREDIENT:**

S-ethyl hexahydro-1H-azepine-1-carbothioate ..... 90

**INERT INGREDIENTS** ..... 10

Contains 8 Pounds Active Ingredient Per Gallon

**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.)

**MAY BE FATAL IF SWALLOWED**

See side for additional precautionary statements

EPA Reg. No. 10182-204  
EPA Est. No.

Net \_\_\_\_\_

ACCEPTED  
with COMMENTS  
In EPA Letter D

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the registered under EPA

Made in USA  
ZENECA Ag Products  
ZENECA Inc.  
Wilmington, Delaware 19897

10182-

**STATEMENT OF PRACTICAL TREATMENT**

**KEEP OUT OF REACH OF CHILDREN  
WARNING  
MAY BE FATAL IF SWALLOWED**

**FIRST AID**

**CALL A POISON CENTER OR PHYSICIAN IMMEDIATELY**

If a known exposure occurs or is suspected, immediately start the procedures given below and contact a Poison Center, physician or the nearest hospital.

**NOTE:** Be sure to advise the person contacted that the product is a weak cholinesterase inhibitor in experimental animals. Describe the type and extent of exposure, the victim's symptoms, and follow the advice given.

**NOTE TO MEDICAL PERSONNEL:** If cholinesterase inhibition is suspected, atropine by injection is antidotal. It has not been determined if pralidoxime chloride (2-PAM, protopam) is antidotal for this product.

**IF SWALLOWED,** immediately give several glasses of water but do not induce vomiting. If vomiting occurs, give fluids again. Have a physician determine if condition of patient will permit induction of vomiting or evacuation of stomach. Do not give anything by mouth to an unconscious or convulsing person.

**IF IN EYES,** immediately flush eyes with large amounts of water for at least 15 minutes. Hold eyelids apart during flushing to ensure rinsing of the entire surface of the eye and lids with water. Get medical attention immediately.

**IF ON SKIN,** flush affected areas with plenty of water for several minutes. Remove contaminated clothing and shoes. Get medical attention if irritation occurs.

**IF INHALED,** remove to fresh air. Seek medical attention if respiratory irritation occurs or breathing becomes difficult.

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**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL ZENECA MEDICAL  
EMERGENCY INFORMATION CENTER (800) 327-8633 OR CHEMTREC (800) 424-9300.**

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For other product information, contact your local ZENECA Inc. Distributor or see Material Safety Data Sheet.

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

**MAY BE FATAL IF SWALLOWED.** Avoid contact with skin, eyes and clothing. ~~Wash with soap and water after use.~~ Avoid breathing spray mist. Avoid contamination of feed and food. Repeated skin contact may cause cumulative effects.

**Personal Protective Equipment**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- ~~Waterproof~~ gloves
- ~~Shoes~~ plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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**User Safety Recommendations**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
  - Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
  - Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
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**ENVIRONMENTAL HAZARDS**

This product is extremely toxic to fish. Do not apply directly to water except as indicated in the directions. Do not contaminate water when disposing of equipment washwaters. Do not contaminate water used for domestic purposes.

**GENERAL USE PRECAUTIONS**

Read all label instructions before using.

ORDRAM 8-E should be used only for recommended purposes and at recommended rates.

ORDRAM 8-E may cause crop injury under extreme soil or climatic conditions or if directions are not followed.

**ORDRAM 8E Selective Herbicide (CA) - (C  
ORD204C.RSE - RS-**

**Do not apply any other herbicide in conjunction with ORDRAM 8-E as injury may occur.**

**ORDRAM 8-E may be combined with fluid (solution, slurry, or suspension) fertilizers. Physical compatibility with these fluid fertilizers must be determined before combining in spray tank. See special literature giving directions for these combinations. Even though to be compatible, constant agitation is necessary to keep the ORDRAM 8-E uniformly with the fluid fertilizer.**

ORDRAM 8E Selective Herbicide (CA) - Container  
ORD204C.RSE - R3-072093E

### DIRECTIONS FOR USE AND RECOMMENDATIONS

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Do not apply this product through any type of irrigation equipment.

For use on rice to control watergrass (barnyardgrass); Echinochloa spp.

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### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protection equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

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**PREPLANT, PREFLOOD:** (Water-seeded rice only).

**SOIL PREPARATION:** Prepare the soil for seeding according to good agricultural practices. All weed growth must be thoroughly worked into the soil before treatment.

**FOR GROUND APPLICATION ONLY:** Use standard low-pressure (20-25 psi) boom-spray equipment. DO NOT USE SINGLE NOZZLE BOOM-JET TYPE SPRAYERS. Spray equipment should be carefully calibrated before use and checked frequently during application to be sure nozzles are free from clogging and are delivering a uniform spray pattern. Avoid overlaps that will increase ORDRAM 8-E dosage above recommended limits because crop injury may occur. Apply the recommended rate of ORDRAM 8-E in 20 to 50 gallons of water per acre.

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ORDRAM 8E Selective Herbicide (CA) - Container  
ORD204C.RSE - RS-072093E

**RATE:** Apply 3 pints ORDRAM 8-E per acre.

**SOIL INCORPORATION:** Apply to dry soil in good till. ORDRAM 8-E must be incorporated immediately (within minutes) to prevent loss of the herbicide. Whenever possible, application and incorporation should be done in the same operation. Incorporation should be done by at least one disking or spike-tooth harrowing. Flood the field for seeding and hold the flood for 4 to 6 days following seeding.

**POST-FLOOD, POST-EMERGENCE:** (water-seeded or drilled rice).

Rice should be in the seedling stage at the time of application.

**FOR AIR APPLICATION ONLY:** Watergrass must be a minimum of 2 inches high but not higher than 5 inches, and must be at least 2/3 submerged at time of application. This water level (not less than 2 inches) must be maintained until the watergrass dies.

Equipment should be carefully calibrated before use and checked frequently during application to be sure application is uniform. Avoid overlaps that will increase ORDRAM 8-E dosage above recommended limits because crop injury may occur. Apply the recommended rate of ORDRAM 8-E in 5 to 10 gallons of water per acre. Aerial application should be made only when the wind velocity is low, 0 to 5 mph.

To avoid uneven distribution of ORDRAM 8-E the water flow through the field should be a minimum at the time of application and for at least two hours after application.

Hold flood water a minimum of 4 days after application.

**RATE:** Apply 3 pints ORDRAM 8-E per acre.



**STORAGE AND DISPOSAL**

**STORAGE:** Do not store near seeds and fertilizer. Keep container closed when not in use. Open dumping is prohibited. Do not reuse empty container.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** 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.

**NOTICE TO BUYER AND USER:** Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Seller, and Buyer and User assume the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.

This product is sold only for uses stated on its label. No express or implied license is granted to use or sell this product under any patent in any country except as specified: Country: United States of America. Patent No.: 3,572,031

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