

PM

10182-362

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PARAQUAT Concentrate ES
PARA362.RSB 3/13/97

PARAQUAT Concentrate ES

For Formulation of Paraquat Herbicide Products Only

Refer to ZENECA Manufacturing Formulas for Formulating Directions, Chemical and Physical Properties

ACTIVE INGREDIENT:

Paraquat dichloride (1,1'-dimethyl-4,4'-bipyridinium ion) 43.5%

INERT INGREDIENTS: 56.5%

Total 100.0%

Contains 3 lbs paraquat cation per gallon.
Contains stench (odor) and emetic.

KEEP OUT OF REACH OF CHILDREN

O
DANGER POISON
X

ONE SWALLOW CAN KILL!

~~SYMPTOMS ARE PROLONGED AND PAINFUL. ONSET OF SYMPTOMS MAY BE DELAYED FOR UP TO 3 DAYS AFTER SWALLOWING.~~

- ~~• READ STATEMENT OF PRACTICAL TREATMENT AND PRECAUTIONARY STATEMENTS ON SIDE PANEL.~~
- NEVER PUT INTO FOOD, DRINK OR OTHER CONTAINERS.
- **IF SWALLOWED, TAKE IMMEDIATE ACTION AS PRESCRIBED IN STATEMENT OF PRACTICAL TREATMENT. SYMPTOMS ARE PROLONGED AND PAINFUL.**

EPA Reg. No. 10182-362
EPA Est. No. 10182-

ACCEPTED
MAY - 6 1997

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 10182-362

Made in U.S.A.
ZENECA Ag Products
ZENECA Inc.
Wilmington, DE 19850-5458

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STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: IMMEDIATELY induce vomiting by touching back of throat with finger. Administer fluids and Drink 1 or 2 glasses of water and induce further vomiting. If person is unconscious do not give anything by mouth and do not induce vomiting. Do not induce vomiting or give anything by mouth to an unconscious person. Call a physician or Poison Control Center and GET TO A HOSPITAL OR PHYSICIAN MEDICAL FACILITY FAST. TAKE CONTAINER AND LABELING WITH YOU. PROMPT TREATMENT IS ESSENTIAL AND MUST BE INITIATED BEFORE SIGNS AND SYMPTOMS APPEAR. SEE NOTE TO PHYSICIANS.

IF INHALED: EXPOSURE to contaminated plant dust may cause irritation and nose bleeds, and may lead to poisoning. Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention. The odor of this product is from the stenching agent which has been added, not from paraquat.

IF IN EYES: IMMEDIATELY wash eyes with. Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes, and get medical attention. Contact may cause eye injury. CALL A PHYSICIAN. Get medical attention.

IF ON SKIN: IMMEDIATELY wash with plenty of soap and water. Remove and wash all contaminated clothing separate from other laundry with soap and hot water before reusing. Prolonged contact will cause severe irritation. Contact with irritated skin or a cut or repeated contact with intact skin may result in poisoning. GET MEDICAL ATTENTION. Get medical attention.

Read and follow **PRECAUTIONARY STATEMENTS**.

NOTE TO PHYSICIANS: CALL ZENECA'S MEDICAL EMERGENCY INFORMATION NETWORK AT 1-800-327-8633 (Dial 1-800-F-A-S-T-M-E-D) at any hour to obtain toxicology and medical management consultation, a supply of bentonite clay, and paraquat analysis analyses. Prompt treatment is essential and must be initiated immediately before signs and symptoms appear. Symptoms are prolonged and painful and may be delayed for days after swallowing. Symptoms following ingestion may be delayed up to 3 days. To be effective, treatment for paraquat poisoning must begin IMMEDIATELY. Treatment consists of may include binding paraquat in the gut with suspensions of bentonite clay or charcoal, and/or removal of paraquat from the blood by prolonged charcoal hemoperfusion or continuous hemodialysis. Probable mucosal damage may contraindicate the use of gastric lavage.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL ZENECA'S MEDICAL EMERGENCY INFORMATION NETWORK AT 1-800-(327-8633) (1-800-F-A-S-T-M-E-D) FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE.

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure or accident CALL CHEMTREC AT 1-800-424-9300 FOR A CHEMICAL EMERGENCY such as spill, leak, fire or accident.

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

O
DANGER POISON
X

~~FATAL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES IRREVERSIBLE EYE DAMAGE. CAUSES SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION.~~

~~**DO NOT** get in eyes, on skin, or on clothing. **DO NOT** inhale contaminated plant dust. **WASH SPLASHES** from skin and eyes immediately. **REMOVE** and wash contaminated clothing. **WASH** thoroughly with soap and water after handling and before eating, drinking, or using tobacco.~~

~~May be fatal if swallowed. Fatal if inhaled. Harmful if absorbed through skin. Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Do not breathe spray mist. Do not inhale contaminated plant dust. Avoid contact with skin.~~

~~**IMPORTANT:** Inhalation is an unlikely route of exposure due to low vapor pressure, but mucosal irritation or nose bleeds may occur. Prolonged contact with this concentrated product can irritate your skin.~~

●—When handling or mixing concentrate or when exposure to concentrate is possible wear:

— A NIOSH/MSHA-approved pesticide respirator.

— Protective clothing (disposable suit/coveralls or long-sleeved shirt and pants).

— Full face shield.

— Waterproof gloves.

— Apron and waterproof footwear.

- Long-sleeve shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Face shield
- Chemical-resistant apron

●—**REMOVE** contaminated clothing and wash separate from other laundry before reuse.

~~**IMPORTANT:** The effect of swallowing Paraquat Concentrate ES is far more severe than that which usually results from skin contact or inhalation of contaminated plant dust. This product should not cause injury if used according to label instructions. Follow the label as if your life depends on it.~~

ENVIRONMENTAL HAZARDS

WILDLIFE: This product is toxic to wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in a National Pollutant Discharge Elimination System (NPDES) permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of EPA.

CHEMICAL HAZARD: This product reacts with aluminum to produce hydrogen gas which may form a highly combustible gas mixture. ~~Such gas could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette, or other ignition source.~~ Do not mix or store in containers ~~tanks~~ or such systems made of aluminum or having aluminum fittings.

EQUIPMENT/CONTAINER: Flush all equipment with water after use each day. Paraquat is corrosive to aluminum. Aluminum equipment and aluminum structures that are exposed to solution or spillage should be flushed thoroughly with water immediately after use.

SPILLAGE DURING TRANSPORT

Emergency action: Notify police and fire departments immediately. For any spill, leak, fire or exposure in the United States, call CHEMTREC 1-800-424-9300. In other countries, call your local ZENECA agent.

KEEP PUBLIC AND ANIMALS away from area. MARK ROADS AND WARN OTHER ROAD USERS. ~~WEAR full face shield, rubber gloves, rubber boots and waterproof overalls during decontamination operations.~~ ~~WEAR face shield, waterproof gloves, waterproof footwear, and long sleeve shirt and long pants during decontamination operations.~~

Clean up spills as soon as possible. Cover spill with generous amount of clay or loam soil to absorb liquid, using a stiff broom to insure intimate contact. Sweep onto shovel and transfer to plastic bag or other disposable container. Repeat operations until contaminated surfaces are dry. Finally, hose spill site with water if feasible.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product without complying with all label directions and warnings.

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

Only for formulation into a herbicide for the following uses:

- (1) Terrestrial Food: Alfalfa, Almonds, Asparagus, Cassavas, Clover and other Legumes, Corn (pop, field, and sweet, and seed), Cotton, Dry beans, Easter Lilies, Fallow land, Garlic, Guar, Guava, Hops, Lentils, Mint, Onions, Passion Fruit, Pastures, Peanuts, Pigeon peas, Pineapple, Potato, Rice, Safflower, Small fruits, Small grains, Sorghum, Soybeans, Sugar Beets, Sugarcane, Sunflower, Taniers, Taro, Trees and Vines, Tyfon, Vegetables, Yams;

Terrestrial Nonfood: Conservation Compliance Lands, Conservation Reserve Lands, Federal Set-Aside Lands, Grasses grown for seed, Resin soaking (pines), Tree Plantation Establishment;

- (2) Uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; and
- (3) Uses for experimental purposes that are in compliance with USEPA requirements.

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STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Do not contaminate water, food, or feed by storage or disposal. Store at temperatures above 32°F. Do not contaminate feed, foodstuffs or drinking water. Do not store next to feed or food, or transport in or on vehicles containing foodstuffs or feeds. For help with any spill, leak, or fire or exposure involving this material, call **CHEMTREC 1-800-424-9300**.

PESTICIDE DISPOSAL: This product is Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke, or dispose of by other procedures allowed by State and local authorities.

RECYCLABLE/REFILLABLE CONTAINERS: Before refilling, inspect thoroughly for damage, such as cracks, punctures, bulges, dents, abrasions and damaged or worn threads on closure devices. After filling and before transporting, check for leaks. Do not refill or transport damaged or leaking container.

Container is not safe for food, feed or drinking water!

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**CONDITIONS OF SALE
AND LIMITATION OF WARRANTY AND LIABILITY**

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold ZENECA and Seller harmless for any claims relating to such factors.

ZENECA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or ZENECA, and Buyer and User assume the risk of any such use. ZENECA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall ZENECA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ZENECA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ZENECA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

ZENECA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of ZENECA.