



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (7505C)
 401 "M" St., S.W.
 Washington, D.C. 20460

EPA Reg. Number:
 264-545

Date of Issuance:
 MAR 9 1995

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:
 Conditional

Name of Pesticide Product:
 Rhonox Gel
 Emulsifiable
 Broadleaf Herbicide

Name and Address of Registrant (include ZIP Code):

Rhone-Poulenc Ag Company
 P.O. Box 12014
 2 T.W. Alexander Drive
 Research Triangle Park, NC 27709

01.19.95

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes before you release the product for shipment:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 264-545".
- b. Rewrite the Precautionary Statements to read as follows:

"Causes eye and skin irritation. Harmful if swallowed or inhaled. Do not get on skin or on clothing. Avoid contact with eyes. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals."

Signature of Approving Official:

Date:

MAR 9 1995

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c. Rewrite the "IF ON SKIN" statement to read:

"IF ON SKIN: Wash with plenty of water. Get medical attention."

d. Rewrite the "IF SWALLOWED" statement to read:

"IF SWALLOWED: Promptly drink a large quantity of milk, egg whites, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. Never give anything by mouth to an unconscious person."

e. The User Safety Recommendations should be enclosed in a box.

f. We have noted that this product contains 4.7 pounds of active ingredient per acre, as is accurately stated in the equivalency footnote in the ingredient statement. To be consistent with this figure, revise the first sentence in the section for Rhonox Gel Rate Recommendations to read "Rhonox Gel is a 4.7 pound active ingredient per gallon formulation packaged in water-soluble bags."

g. Delete the uses on rice and flax. Since these uses are not being supported for reregistration for this active ingredient, no further registrations for these uses are being issued.

3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

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.

Joanne I. Miller
 Product Manager (23)
 Fungicide-Herbicide Branch
 Registration Division (7505C)

Enclosure

DK: 305-7546: FHB/PM23		CONCURRENCES					
SYMBOL	7505C						
SURNAME	D. KENNY						
DATE	3/8/95						

RHONOX® GEL

EMULSIFIABLE BROADLEAF HERBICIDE GEL-TEC™ Water soluble paks

CONTROLS BROADLEAF WEEDS IN SMALL GRAINS, ~~RICE, FLAX, RANGELAND~~
AND PASTURE, TURF AND OTHER NON-CROP AREAS

ACTIVE INGREDIENT:

2-methyl-4-chlorophenoxyacetic acid, isooctyl ester*

INERT INGREDIENTS:

Contains Petroleum Distillates

*2-methyl-4-chlorophenoxyacetic acid equivalent 52.2% by weight or 4.7 pounds per gallon.

EPA REG. NO. 264-545

EPA EST. NO.

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.)

For MEDICAL and TRANSPORTATION Emergencies Only Call 24 Hours A Day 1-800-334-9745.
For PRODUCT USE Information Call 1-800-334-9745.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: If patient is conscious and alert, give 2-3 glasses of water. Do not induce vomiting. May cause pneumonia. Never give anything by mouth to an unconscious person. Get medical attention.

IF ON SKIN: Wash skin with plenty of soap and water, if available, while removing contaminated clothing and shoes. Wash separately before reuse.

IF IN EYES: Flush with steady, gentle stream of water for at least 15 minutes. Call a physician if irritation persists.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration. Administer oxygen, if necessary. Get medical attention.

NOTE TO PHYSICIAN

No specific antidote is available. All treatments should be based on observed signs and symptoms of distress in patient. Overexposure to materials other than this product may have occurred.

This product contains petroleum distillates. If large amounts (greater than 1 ml/kg body weight) of the product have been in stomach should be evacuated by gastric intubation with aid of cuffed endotracheal tube to prevent aspiration of petroleum distillates. After removal of stomach contents, wash stomach by instilling 30-50 grams of activated charcoal in 3-4 ounces of water through stomach tube and again remove stomach contents. Avoid oily laxatives.

PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes moderate eye irritation. Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes. Avoid breathing vapor or spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: coveralls over short-sleeved shirt and short pants, waterproof gloves, resistant footwear plus socks, chemical resistant headgear for overhead exposure and protective eye wear. A chemical apron should also be worn when mixing, loading or cleaning equipment.

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.

ENGINEERING CONTROLS STATEMENT

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 (personal protective equipment) may be modified as specified in the WPS.

NET CONTENTS:

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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Drift or run-off may adversely affect non-target plants. Do not apply directly to water except as specified on this label. Do not contaminate water when disposing of equipment washwaters.

Avoid spray drift to susceptible plants such as cotton, beans, tomatoes and ornamental. Coarse sprays are less likely to drift. Do not apply when weather conditions favor drift from treated areas. Avoid use of small diameter spray nozzles. At high air or ground surface temperatures, vapors from this product may injure susceptible plants.

Ground Water Contamination: Most cases of ground water contamination involving phenoxy herbicides such as MCPA have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPA pesticides at such sites to prevent contamination of ground water supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent ground water contamination.

Cleaning of Equipment: Do not use the same spray equipment for other purposes unless thoroughly cleaned. When cleaning equipment, do not pour wash water on the ground; spray or drain over a large area away from wells and other water sources.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
Read entire label before using this product.

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.

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 specified instructions and exceptions pertaining to the statements on this label about personal protective 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 entry into treated areas during the restricted entry interval (REI) of 12 hours. 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, chemical-resistant footwear plus socks, chemical-resistant headgear for overhead exposure and protective eye wear.

STORAGE AND DISPOSAL

STORAGE

Do not contaminate water, food, or feed by storage or disposal. Store in original container in a dry secured storage area. Keep container tightly closed when not in use.

PESTICIDE DISPOSAL

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law and may contaminate ground water. 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

Do not reuse outer bag. Dispose of outer bag in a sanitary landfill, by incineration, or if allowed by state and local authorities: by burning. If burned, stay out of smoke.

GENERAL CAUTIONS AND RESTRICTIONS

Do not apply RHONOX® GEL through any type of irrigation system.
Do not use in a greenhouse.

GENERAL INFORMATION

RHONOX® GEL Herbicide is effective on a large number of broadleaf weeds and is useful for controlling these weeds in certain crops. Several crops, such as flax, rice, oats, and small grains are more tolerant of MCPA than they are of 2,4-D.

RHONOX® GEL Herbicide is an isooctyl ester formulation of MCPA that mixes easily in water, even in the hard water found in some areas. Mix thoroughly while diluting this material and mix again if allowed to stand long before spraying.

WEEDS CONTROLLED BY PROPERLY APPLIED TREATMENTS OF RHONOX® GEL HERBICIDE INCLUDE THE FOLLOWING:

Amaranthus species (pigweeds)	dandelion	purslanes
common burdock	field pennycress	ragweed (common and giant)
common cocklebur	mustard (except blue mustard)	shepherdspurse
common lambsquarters	pepperweeds (except perennial)	thistle (bull and Russian)
	plantains	Yellow rocket

INJURY TO CROPS MAY OCCUR FROM THIS PESTICIDE. IF YOU ARE NOT PREPARED TO ACCEPT SOME DEGREE OF CROP INJURY, DO NOT USE THIS PRODUCT.

Crop varieties vary in response to MCPA, and some may be easily injured. Apply RHONOX® GEL Herbicide only to varieties known to be tolerant to MCPA. If you are uncertain concerning tolerant varieties or local use situations that may affect crop tolerance to MCPA, contact your seed company or state Agricultural Extension Service for advice.

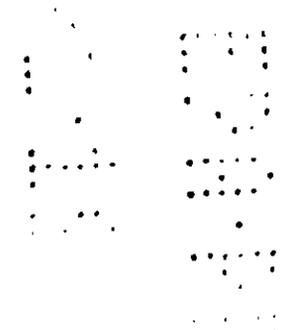
RHONOX® GEL RATE RECOMMENDATIONS

RHONOX® GEL is a 5.0 lb per gallon formulation packaged in water-soluble bags. Each RHONOX® GEL water-soluble bag contains 2 1/3 pints (1104 ml) of the herbicide. To determine how many bags of RHONOX® GEL to use, consult the application rate tables and recommendation charts for the crop to be sprayed. In those charts, the RHONOX® GEL use rates are given in pints/acre. Once the RHONOX® GEL application rate per acre is selected, consult the following tables to determine how many bags to use per acre when mixing the spray.

RHONOX® GEL APPLICATION RATE CHART

- Directions:
- 1) Select the RHONOX® GEL use rate in pints per acre from the charts below..
 - 2) Look down the selected rate column for the number of acres you desire to treat at that rate.
 - 3) When acreage to be sprayed is selected, follow the row to the far left column to find the number of RHONOX® GEL bags to add to the spray tank.

RHONOX® GEL Product Use rate	0.4 pint (0.25 lb active)	0.8 pint (0.5 lb active)	1.2 pints (0.75 lb active)	1.6 pints (1.0 lb active)
Number of RHONOX® GEL bags to use	ACRES TO TREAT			
1	6	3	2	1 1/2
2	12	6	4	3
3	18	9	6	4 1/2
4	24	12	8	6
5	30	15	10	7 1/2
6	36	18	12	9
7	42	21	14	10 1/2
8	48	24	16	12
9	54	27	18	13 1/2
10	60	30	20	15



RECOMMENDATIONS FOR APPLYING RHONOX® GEL HERBICIDE

CEREAL GRAINS

CROP	AMOUNT RHONOX® GEL PER ACRE	DIRECTIONS
WHEAT, BARLEY, OATS, and RYE (not underseeded with legumes): Annual weeds	0.4 pint	Apply after grain is in the 3-4 leaf stage, but not forming joints in the stem. Do not spray in the boot to dough stage.
Annual and Biennial weeds Perennial broadleaf weeds	0.8 - 1.2 pint* 1.2 pints	Apply after grain is fully tillered (usually about 4 to 8 inches high, but not forming joints in the stem). Do not apply in the boot to dough stage.

*Use the lower rate if small annual and biennial weeds are the major problem. Use the higher rate if perennial weeds or annual and biennial weeds are present which are in the hard-to-kill categories as determined by local experience. The higher rates increase the risk of grain injury and should be used only where the weed control problem justifies the risk of grain damage.

RESTRICTIONS AND LIMITATIONS FOR USE ON SMALL GRAINS

Use a minimum of 10 gallons of water per acre for ground application and 2 gallons of water per acre for aerial application.

Do not allow livestock to forage or graze treated areas within 7 days of slaughter.

~~**FLAX AND RICE**~~

CROP	AMOUNT RHONOX® GEL PER ACRE	DIRECTIONS
FLAX	0.2 - 0.4 pint	Apply when flax is 2 to 8 inches tall. Do not spray once flax has reached the bud stage.
RICE	1.2 - 2 pints	Treat 7 to 10 weeks after planting when rice is fully tillered and 6 to 8 inches above water. Do not spray rice that has reached the boot stage. Use the higher rate where sedges or bulrushes are the major problem. Use the lower rate for control of arrowhead, water plantain, and redstem. Do not spray when temperatures are over 90°F.

~~**RESTRICTIONS AND LIMITATIONS FOR USE ON FLAX AND RICE**~~

~~Do not allow livestock animals to forage or graze treated areas within 7 days of slaughter.~~

~~Do not grow crayfish or catfish in treated rice fields.~~

~~Use a minimum of 8 gallons per acre for ground application and 3 gallons per acre for aerial application.~~

ESTABLISHED GRASS PASTURES AND RANGELAND

CROP	AMOUNT RHONOX® GEL PER ACRE	DIRECTIONS
Annual broadleaf weeds	0.8 - 1.6 pints	Apply when weeds are small and actively growing and prior to bud stage. Do not apply to newly seeded areas until grass is well established. Do not apply when grass is in the boot to milk stage if grass seed production is desired.
Perennial and biennial broadleaf weeds	1.0 - 2.4 pints	Bentgrass and legumes may be injured by this treatment.

RESTRICTIONS AND LIMITATIONS FOR USE ON PASTURES AND RANGELAND

For ground application, use a minimum of 10 gallons of water per acre.

For aerial application, use a minimum of 2 gallons of water per acre.

Do not graze animals on treated areas within 7 days after treatment.

GRASSES GROWN FOR SEED PRODUCTION

CROP	AMOUNT RHONOX® GEL PER ACRE	DIRECTIONS
Annual and perennial broadleaf weeds	0.8 - 1.6 pints	Apply to established stands in spring from tiller to early boot stage. Do not spray in boot stage. New spring seedlings may be treated with the lower rate after grass seedlings have at least 5 leaves. Perennial weed regrowth may be treated in the fall.

RESTRICTIONS AND LIMITATIONS FOR USE IN GRASSES GROWN FOR SEED

For ground application, use a minimum of 10 gallons of water per acre.

For arial application, use a minimum of 2 gallons of water per acre.

NON-CROP

(Roadsides, fencerows, vacant lots, rights-of-way and other similar areas)

CROP	AMOUNT RHONOX® GEL PER ACRE	DIRECTIONS
Annual, biennial and perennial broadleaf weeds	4.8 pints	Apply when annual broadleaf weeds are young and actively growing and perennial and biennial broadleaf weeds are actively growing and near the bud stage but before flowering. A second application may be required for best results on perennial and biennial weeds.

RESTRICTIONS AND LIMITATIONS FOR USE IN NON-CROP AREAS

For ground application use a minimum of 10 gallons of water pare acre.

For arial application use a minimum of 2 gallons of water per acre.

ORNAMENTAL TURF AREAS

(Golf Courses, Cemeteries and similar established grass areas)

CROP	AMOUNT RHONOX® GEL PER ACRE	DIRECTIONS
Annual broadleaf weeds	0.8 - 2.4 pints	Apply when annual broadleaf weeds are growing vigorously. Spring or fall applications will give the best results. Do not mow within 2 days before or after application. Do not use on lawns of creeping grasses such as bentgrass nor on freshly seeded turf until the grass has become well established.

RESTRICTIONS AND LIMITATIONS FOR USE IN TURF AREAS

For ground application on turf areas use enough water for good coverage (minimum of 10 gallons per acre)

Do not apply around houses, recreation sites or similar areas.



LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use when it is used in accordance with such directions; and (c) that the directions, warnings and other statements on this label are based upon responsible expert's evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops, and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

NOTICE TO BUYER

Purchase of this material does not confer any rights under patents governing this product or the use thereof in countries outside of the United States.

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RHONOX® GEL Herbicide (PENDING) Resubmitted 1/14/94.