

PM 23

71085-18

9/8/99

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

EPA Reg.
Number:

71085-18

Date of Issuance:

SEP 8 1999

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

Term of Issuance:

Conditional

Name of Pesticide Product:

Molinate 15G

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

RICECO LLC
5100 Poplar Avenue
Suite 2428
Memphis, TN 38137

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/registration review of your product under FIFRA section 3(c)(5) or 4 or 3(g) when the Agency requires all registrants of similar products to submit such data.

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

a. Revise the EPA Registration Number to read "EPA Reg. No. 71085-18".

b. Revise the footnote to the ingredient statement to read: "*This product contains 15 pounds of S-ethyl hexahydro-1H-azepine-1-carbothioate per 100 pounds of formulated product."

Signature of Approving Official:

Date:

SEP 8 1999

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- c. Revise the statement above the emergency toll free number on page 1 to read: "Have the product container or label with you when calling a poison control center or doctor or going for treatment."

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)
Herbicide Branch
Registration Division (7505C)

Enclosure

RD:STANTON:PM Team 23:Rm. 237:CM-2:305-5218:Disk #11:71085-RI.REG

CONCURRENCES							
SYMBOL ▶	7505C						
SURNAME ▶	S. Stanton						
DATE ▶	Sep 1, 1999						

8/23/99

RiceCo LLC

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ACCEPTED
with COMMENTS
In EPA Letter Dated

SEP 8 1999
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

71085-18

MOLINATE 15G

Herbicide

SELECTIVE RICE HERBICIDE
SOUTHERN REGION

ACTIVE INGREDIENT:

S-ethyl hexahydro-1H-azepine-1-carbothioate* 15.00%

INERT INGREDIENTS: 85.00%

TOTAL 100.00%

*This product contains 15 pounds of S-ethyl hexahydro-1H-azepine-1-carbothioate per pound of formulated product.

EPA Registration No. 71085-Y

EPA Establishment 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.)

FIRST AID

If Swallowed: Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor.

If On Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If In Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

If Inhaled: Move person to fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

HAVE THE PRODUCT CONTAINER OR LABEL WITH YOU WHEN CALLING A POISON CONTROL CENTER OR DOCTOR FOR TREATMENT.

FOR CHEMICAL SPILL, LEAK, FIRE OR EXPOSURE CALL TOLL FREE
1-800-424-9300

NET CONTENTS:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Causes substantial but temporary eye injury. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe dust.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and pilots not involved in mixing or loading this product must wear:

- coverall or long-sleeved shirt and long pants
- shoes plus socks

Mixers, loaders, flaggers and others possibly coming into contact with this product must wear:

- either (a) long-sleeved shirt and long pants under disposable coveralls made of a synthetic material capable of excluding particles 45 microns or larger in diameter, such as Kleenguard" OR (b) A cotton coverall or chemical-resistant coverall over a full body cloth suit impregnated with activated charcoal.
- Chemical-resistant gloves, such as barrier laminate or butyl rubber having a thickness greater than 14 mils or nitrile rubber having a thickness greater than 14 mils or Viton greater than 14 mils.
- Chemical-resistant footwear plus socks
- A respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).

Discard clothing that has been heavily contaminated with this product. Do not reuse it. 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.

The above personal protective equipment requirements for mixers and loaders may not be reduced even if a closed mixing and loading system is used. Handler PPE may not be reduced or modified as specified in the Work Protection Standard for Agricultural Pesticides [40 CFR 170.240(d)(4-6)] for closed systems.

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.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. Do not contaminate water used for domestic purposes. Do not contaminate water when disposing of equipment wash waters. Do not apply directly to water except as stated on label.

For terrestrial uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark.

IN CASE OF SPILL EMERGENCY, CALL CHEMTREC, 1-800-424-9300

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 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.

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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.

- Coveralls
- Waterproof Gloves
- Shoes plus Socks
- Protective Eyewear

STORAGE: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not store this product near fertilizers, seeds, insecticides, or fungicides. Reclose all partially used containers by tying bag shut. Damaged or leaking containers which cannot be used immediately should be transferred to suitable sound containers and properly marked.

To prevent accidental misuse, different pesticides should be stored in separate areas with enough distance between to provide clear identification.

PESTICIDE DISPOSAL: Pesticide wastes are 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.

GENERAL INFORMATION

Uniform application is necessary to provide desired weed control and crop safety. To assure uniform application carefully calibrate and check Molinate 15G application equipment to insure it is working properly. Avoid overlapping application as crop injury may occur and maximum rates may be exceeded in the overlaps. Avoid over and under application.

Growth stage of weeds is very important when controlling weeds in flooded rice (late postemergent).² Best results for selective postflood weed control are obtained when grasses have less than 5 leaves or can be 2/3 submerged with flood water. After application maintain flood water depth until desired weed control is achieved.

APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL. READ ALL LABEL INSTRUCTIONS BEFORE USING THIS PRODUCT.

DO NOT apply this product through any type of irrigation system.

DO NOT apply to fields where commercial catfish farming is practiced and do not drain water from treated fields into areas where catfish farming is practiced.

DO NOT apply this product (directly or indirectly) to any crop except rice. **DO NOT** apply when wind conditions will allow drift to adjacent, susceptible or sensitive crops. For aerial application, do not apply when wind velocity exceeds 10 mph.

DO NOT apply more than 4 pounds of active Molinate per acre preplant.
DO NOT apply more than 5 pounds of active Molinate per postflood application.
DO NOT apply more than 9 pounds of active Molinate per acre per season.

Allow 30 days between preplant and postflood treatments.

DO NOT harvest rice before 30 days from last application.
DO NOT feed rice straw before 40 days from last application.

PREPLANT, PREFLOOD INCORPORATED FOR WATER SEEDED RICE

Field Preparation: Soil should be completely tilled and clod free to prepare for rice seeding. Insure all weed growth in field is tilled into the soil before treatment.

Recommended Broadcast Rate: Molinate 15G should be uniformly applied via air or ground application equipment at a rate of 20 - 27 pounds per acre for barnyard grass control and crabgrass suppression. Apply 27 pounds of Molinate 15G per acre to suppress annual sedges, broadleaf signalgrass, and sprangletop. The 27 pound per acre rate may also reduce competition from red rice.

Incorporation: Molinate 15G applications should be immediately incorporated to a depth of 1 to 2 inches. Incorporation should be thorough and uniform for best control and crop safety. Soil incorporation should be done by discing at least once and harrowing. Do not disc deeper than 4 inches.

Flood Management: The field should be flooded for seeding. After seeding, the flood water should be held for 4-6 days. Water seeding may require increased seeding rates. Continuous water management improves weed control and suppression and reduction of competition from red rice.

PREPLANT, POSTFLOOD FOR WATER SEEDED RICE

Field Preparation: Soil should be completely tilled and clod free to prepare for rice seeding. Insure all weed growth in field is tilled into the soil before treatment.

Recommended Broadcast Rate: Molinate 15G should be uniformly applied via air equipment directly into the flood water at a rate of 20 - 27 pounds per acre for barnyard grass control. Apply 27 pounds of Molinate 15G per acre to reduce competition from red rice.

Flood Management: The field should be flooded for seeding. Apply Molinate 15G into the murky water just flooded after soil preparation. Seed the field 2-3 days after application of the Molinate 15G. Keep the flood water stable after seeding until germination and rooting of rice seed has occurred. In most cases germination and rooting occurs 4 - 6 days after seeding. Water seeding may require increased seeding rates. Continuous water management improves barnyardgrass control and reduction of competition from red rice.

POSTFLOOD, POSTEMERGENCE FOR WATER SEEDED OR DRY SEEDED RICE

Field Conditions: When stage of rice growth can withstand flood water maintained at a height sufficient to submerge the barnyardgrass, annual sedges, or sprangletop plants present in the field to at least 2/3 the plant foliage height (up to approximately 3½ inches).

Recommended Broadcast Rate: Molinate 15G should be uniformly applied via air equipment directly into the flood water at a rate of 20 pounds per acre for control of barnyardgrass and dayflower and suppression of sprangletop, annual sedges, spikerush and brooks paspalum.

Flood Management: Barnyardgrass, sprangletop, annual sedges and spike rush should not be more than 5 inches in height. Flood water should be maintained to submerge $\frac{3}{4}$ of plant. Brooks paspalum with runners less than 12 inches long and dayflower should be completely submerged by treated flood water. Hold flood water until desired control or suppression of weeds is obtained.

SALVAGE TREATMENT (For Postflood Suppression of Large Grasses)

Field Conditions: When stage of rice growth can withstand flood water maintained at a height of 4 - 6 inches.

Recommended Broadcast Rate: To suppress large barnyardgrass or heavy infestations of barnyardgrass, Molinate 15G should be uniformly applied directly into the flood water at a rate of 20 - 27 pounds per acre for barnyardgrass 5 - 12 inches. Apply 33 pounds per acre for unusually heavy infestations of barnyardgrass under 12 inches or barnyardgrass 12 - 24 inches. To suppress large sprangletop, Molinate 15G should be uniformly applied directly into the flood water at a rate of 33 pounds per acre. Avoid overlaps or over application to avoid possible crop injury.

Flood Management: Maintain flood water between 4 - 6 inches deep.

CONDITIONS OF SALE AND WARRANTY

RiceCo LLC AND SELLER OFFER THIS PRODUCT AND THE BUYER AND USER ACCEPTS THIS PRODUCT UNDER THE FOLLOWING AGREED CONDITIONS OF SALE AND WARRANTY.

The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to take into account all variables and to eliminate all risks associated with its use. Injury or damage may result because of conditions which are beyond the control of RiceCo LLC or the Seller. RiceCo LLC warrants only that this product conforms to the chemical description on the label and is believed to be reasonably fit for the purposes referred to in the Directions for Use when used as directed under normal conditions. RiceCo LLC MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. In no case shall RiceCo LLC or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. Any variation or exception from this warranty must be in writing and signed by an authorized RiceCo LLC representative.

**RiceCo LLC
5100 POPLAR, 24th FLOOR
MEMPHIS, TENNESSEE 38137, USA**