



U.S. Environmental Protection Agency
 Office of Pesticide Programs
 Registration Division (7505P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EP. g. Date of Issuance:
 Number: 74530-37 JAN 15 2009

Term of Issuance: Conditional

Name of Pesticide Product:
 Paraquat TC (Technical Concentrate)

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Helm Agro Inc.
 8295 Tournament Drive, Suite 310
 Memphis, TN 38125

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 section 3(c)(7)(A) provided you agree in writing to:

1. Submit the outstanding data requirements 830.6317 Storage Stability and 830.6320 Corrosion Characteristics within one year from the date of this letter.
2. Revise the EPA Registration Number from 74530-xx to 74530-37 on the label.
3. Add an appropriate EPA Establishment Number to the label.
4. Add appropriate Net Contents information to the label.

Signature of Approving Official:

James Tompkins, Product Manager (25)
 Herbicide Branch, Registration Division (7505P)

Date:

1-15-09

The basic formulation CSF [dated June 6, 2008] of the product referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act is acceptable. The basic CSF will be added to your file. Please see the attached Confidential Appendix regarding one ingredient in your formulation.

You will submit one (1) copy of your final printed labeling 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 section 6(e). A stamped copy of labeling is enclosed for your records. If you have any questions, please contact Hope Johnson at 703-305-5410.

James Tompkins
Product Manager (25)
Herbicide Branch
Registration Division (7505P)

CONFIDENTIAL APPENDIX:

Please note that one inert ingredient in your formulation, **FD & C Blue #1** colorant is limited to less than or equal to 0.2% in end-use formulations.

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Paraquat TC (Technical Concentrate)

For Formulation of Paraquat Herbicide Products Only

ACTIVE INGREDIENT	
Paraquat dichloride (1,1'-demethyl, 4,4'-bipyridinium dichloride)	43.8%
INERT INGREDIENTS	56.2%
TOTAL	100.0%

Contains 3 pounds paraquat cation per gallon.

Contains emetic.

EPA Reg. No. 74530-xx

EPA Establishment No.

KEEP OUT OF REACH OF CHILDREN DANGER/PELIGRO POISON



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).

- NEVER PUT INTO FOOD, DRINK OR OTHER CONTAINERS
- IF SWALLOWED, TAKE IMMEDIATE ACTION AS PRESCRIBED IN FIRST AID STATEMENT. SYMPTOMS ARE PROLONGED AND PAINFUL.

Net Contents:



HELM AGRO Inc.
8295 Tournament Drive
Memphis, TN, 38125
info@helmagro.com

ACCEPTED
with COMMENTS
in EPA Letter Dated

JAN 15 2009

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

74530-37

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Speed is essential. Immediate attention is required. If available, Give an adsorbent such as activated charcoal, bentonite or Fuller's Earth. • Call a poison control center or doctor immediately for treatment. • Do not give anything by mouth to an unconscious person.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 mins. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call poison control center or doctor for treatment advice.
NOTE TO PHYSICIAN	
Administer either activated charcoal (100g for adults or 2g/kg body weight in children) or Fuller's Earth (15% solution: 1 liter for adults or 15mg/kg body weight in children).	
Note: The use of gastric lavage without administration of an adsorbent has not shown any clinical benefit. Do not use supplemental oxygen. Eye splashes from concentrated material should be treated by an eye specialist after initial treatment. With the possibility of late onset corneal ulceration, it is advised that patients with paraquat eye injuries are reviewed by an eye specialist the day after first presentation. Use treatment that is appropriate for chemical burns. Intact skin is an effective barrier to paraquat, however contact with irritated or cut skin or repeated contact with intact skin may result in poisoning.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOTLINE	
For medical emergencies involving this product, call CHEMTREC 1-800-424-9300. For chemical emergency: Spill, leak, fire, exposure, or accident, call CHEMTREC 1-800-424-9300	

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER/PELIGRO**

POISON



May be fatal if swallowed. Corrosive. Causes irreversible eye damage. Fatal if inhaled. Do not breathe spray mist or inhale contaminated dust. Do not get in eyes or on clothing. Harmful if absorbed through skin. Avoid contact with skin. Wear goggles, face shield or safety glasses. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking chewing gum or using tobacco.

IMPORTANT: The effect of swallowing paraquat concentrate 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.

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

- Dust/mist filtering NIOSH approved respirator with any R,P or HE filter
- Protective clothing (disposable suit/coveralls or long-sleeve shirt and long pants)
- Full face shield
- Chemical-resistant gloves (Category A)
- Chemical resistant apron and shoes plus socks

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

REMOVE contaminated clothing and wash separately from other laundry before reuse.

ENVIRONMENTAL HAZARDS

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.

PHYSICAL AND CHEMICAL HAZARD

This product reacts with aluminum to produce hydrogen gas which may form a highly combustible gas mixture. 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.

KEEP PUBLIC AND ANIMALS away from area. MARK ROADS AND WARN OTHER ROAD USERS. WEAR face shield, chemical-resistant gloves, chemical-resistant 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 ensure 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 in a manner inconsistent with its labeling.

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:

TERRESTRIAL FOOD CROP

Acerola (West Indies cherry), apricot, asparagus, avocado, banana, blackberry, blueberry, boysenberry, broccoli, cabbage, Chinese, carrot (including tops), cauliflower, cherry, cocoa, coffee, collards, cucumber, eggplant, fig, filbert (hazelnut), garlic, groundcherry (strawberry tomato/tomatillo), guava, hops, kiwifruit, lettuce, loquat, macadamia nut (bushnut), manioc (cassava), melons, melons, cantaloupe, melons, musk, melons, water, mint, nectarine, olive, onion, papaya, passion fruit, peach, pear, pecan, pepino (melonpear), pepper, pepper (chili type), pineapple, pistachio, plum, potato, whit/Irish, prune, pumpkin, raspberry (black, red), rhubarb, small fruits, squash (all or unspecified), strawberry, sugar beet, taro, walnut (English/black), yam, yautia.

TERRESTRIAL FOOD + FEED CROP

Almond, apple, barley, beans, asparagus, beans, dried-type, beans, mung; beans-succulent (lima); beans-succulent (snap), citrus fruits, corn (unspecified), corn, field, corn, pop, corn, sweet, cotton (unspecified), garbanzos (including chickpeas), grapes, guar, hops, legume vegetables, mint, orchards (unspecified), peanuts, peanuts (unspecified), soybeans, edible, spearmint, sugar beet, sugar crops, sugarcane, sunflower, tomato, turnip, vegetables (unspecified), wheat.

TERRESTRIAL FEED CROP

Alfalfa, barley, beans, clover, crownvetch, legume vegetables, lespedeza, lupine, pastures, sainfoin, timothy, trefoil, tyfon, vetch, wheat.

TERRESTRIAL NON-FOOD CROP

Agricultural fallow/idleland, airports/landing fields, commercial/industrial lawns, commercial/institutional/industrial, premises/equipment (outdoor), fencecrows/hedgerows, grasses grown for seed, industrial areas (outdoor), jojoba, nonagricultural outdoor buildings/structures, nonagricultural uncultivated areas/soils, ornamental and/or shade trees, peach (non-bearing, seed beds), recreation area lawns, tomato (post-harvest)/ wood protection treatment to forest products (seasoned).

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FORESTRY

Forest planting (reforestation programs), pine (forest/shelterbelt), shelterbelt plantings.

TERRESTRIAL NON-FOOD

Ornamental and/or shade trees, ornamental herbaceous plants, ornamental woody shrubs and vines, non-crop areas such as public airports, electric transformer stations and around commercial buildings.

OTHERS

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, or disposal.

PESTICIDE STORAGE; Store at temperatures above 32° F. Do not contaminate food, 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, fire or exposure involving this material, call CHEMTREC 1-800-424-9300.

PESTICIDE DISPOSAL; 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). Offer for recycling or recondition, or puncture and dispose of in a sanitary landfill, or dispose of by other procedures allowed by State and local authorities.

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 must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Helm Agro US, Inc. or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Helm and Seller harmless for any claims relating to such factors.

Helm 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, subject to the inherent risks referred to above, 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 Helm, and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, HELM MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

To the extent consistent with applicable law, in no event shall Helm or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF HELM 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 HELM OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Helm 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 Helm.

DRAFT submitted to EPA: 06-05-2008; revised and resubmitted to EPA on 01-06-09