

1018-277 1059

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 10182-277	DATE OF ISSUANCE JAN - 9 1990
	TERM OF ISSUANCE CONDITIONAL	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>		
NAME AND ADDRESS OF REGISTRANT (Include ZIP Code)		

Barbara J. Kaminski
 TCI Americas Inc.
 Agricultural Products
 Concord Pike & New Murphy Road
 Wilmington, DE 19897

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 its use if it has been covered by others.

Please submit the following information to the Registration Division, Office of Pesticides Programs, EPA, Washington, DC 20460:

1. A copy of the label for the product, including the following information:

- Product name and trade name
- Product type
- Product use
- Product formulation
- Product ingredients
- Product hazards
- Product safety
- Product disposal
- Product storage
- Product handling
- Product application
- Product distribution
- Product availability
- Product contact information

2. A copy of the label for the product, including the following information:

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- Product hazards
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- Product storage
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- Product application
- Product distribution
- Product availability
- Product contact information

2. Label Changes:

All products where precautionary labeling appears on other than the front panel must have a referral statement on the front panel.

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ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL: *Robert J. Taylor* DATE: 1/9/90

Please submit five (5) copies of your final printed labeling incorporating the changes before you release the product for shipment. A stamped copy of the label is enclosed for your records.

Sincerely,

Robert J. Taylor
Product Manager (25)
Fungicide-Herbicide Branch
Registration Division (H7505C)

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TOUCHDOWN 4-LC
NONSELECTIVE FOLIAR SYSTEMIC HERBICIDE
FOR WEED CONTROL IN NONCROP AREAS AROUND THE FARM

Active Ingredient

Sulfosate: N-Phosphonomethylglycine trimethylsulfonium salt	39.9%
Inert Ingredients	60.1%
Total	100.0%

(Contains 4 pounds active ingredient per gallon)

KEEP OUT OF REACH OF CHILDREN

CAUTION

READ ALL LABEL DIRECTIONS BEFORE USING

STATEMENT OF PRACTICAL TREATMENT

If a known exposure occurs or is suspected, immediately initiate the 10182-277 recommended procedures below. If further treatment is required, contact a POISON CENTER, a physician, or the nearest hospital.

If Swallowed: Immediately give several glasses of water but DO NOT induce vomiting. If vomiting does occur, give fluids again. Have a physician determine if condition of patient will permit evacuation of stomach. Do not give anything by mouth to an unconscious or convulsing person.

If In Eyes: Hold eyelids open and flush eyes with large amounts of running water for at least 15 minutes. Get medical attention if irritation persists.

If On Skin: Flush with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if skin irritation occurs. Wash clothing before reuse.

If Inhaled: Remove to fresh air. Seek medical attention if respiratory irritation occurs or if breathing becomes difficult.

This product is sold only for uses stated on its label. No express or implied licence is granted to use or sell this product under any patent in any country except as specified: Country: United States of America. U.S. Patent No. 4,315,765.

_____ Gal. Net _____ L.

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

Made in U.S.A.-by
ICI Agricultural Products
ICI Americas Inc.
Wilmington, Delaware 19897

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ACCEPTED
with COMMENTS
by EPA Letter Dated

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10182-277
EPA Reg. No. 10182-277
EPA Est. No. 10182-277
registered under the FIFRA Act

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

C A U T I O N

HARMFUL IF SWALLOWED, OR ABSORBED THROUGH THE SKIN OR INHALED. PROLONGED CONTACT MAY CAUSE SKIN IRRITATION. MAY CAUSE ALLEP^TIC SKIN REACTIONS. Avoid contact with skin, eyes or clothing. Wear rubber gloves when handling. Avoid breathing spray mist.

Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

Keep out of lakes, ponds and streams.

Do not apply to any body of water, wetlands or other aquatic habitats. Do not contaminate water when disposing of equipment washwaters.

In case of spill, ISOLATE the spill. Absorb spill with inert absorbent material such as clay or Fuller's earth. Sweep up used absorbent and place in an appropriate chemical waste container. Flush spill area with water. Observe all local, State and Federal laws and regulations regarding disposal, spill cleanup, removal or discharge.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL (800)-F-A-S-T-M-E-D (327-8633).

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident Call CHEMTREC 1-800-424-9300

OTHER PRECAUTIONS

Caution must be taken when applying TOUCHDOWN 4-LC to avoid drift or contact with nontarget plant species. Such contact may result in plant injury.

TOUCHDOWN 4-LC should not be mixed or stored in galvanized steel or unlined steel containers. Stainless steel, plastic-lined steel, plastic or fiberglass containers are acceptable for mixing and storing TOUCHDOWN 4-LC.

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WEEDS CONTROLLED BY TOUCHDOWN 4-LC

All weeds listed below are controlled by spray, wiper and hand-directed spot applications of TOUCHDOWN 4-LC. For spray application use the indicated rates. See DIRECTIONS FOR USE for mixing and application instructions.

The following weeds are controlled by 1/2 to 1 qt. TOUCHDOWN 4-LC per acre:

Bluegrass, Annual	(<u>Poa annua</u>)
Chickweed	(<u>Stellaria media</u>)
Cupgrass, Southwestern	(<u>Eriochloa gracilis</u>)
Foxtail, Giant	(<u>Setaria faberi</u>)
Foxtail, Green	(<u>Setaria virescens</u>)
Jimsonweed	(<u>Datura stramonium</u>)
Kochia	(<u>Kochia scoparia</u>)
Quackgrass, Common	(<u>Chenopodium album</u>)
Oats, Wild	(<u>Avena fatua</u>)
Puncturevine	(<u>Tribulus terrestris</u>)
Ryegrass, Italian (Annual)	(<u>Lolium multiflorum</u>)
Signalgrass	(<u>Brachiaria spp.</u>)
Southistle	(<u>Sonchus spp.</u>)
Spurge, Spotted	(<u>Euphorbia maculata</u>)
Thistle, Russian	(<u>Salsola kali</u>)
Wheat, Volunteer	(<u>Triticum spp.</u>)
Witchgrass	(<u>Panicum capillare</u>)

The following weeds are controlled by 1 to 1-1/2 qt. TOUCHDOWN 4-LC per acre:

Alfalfa, Volunteer	(<u>Medicago sativa</u>)
Barley, Little	(<u>Hordeum pusillum</u>)
Barnyardgrass	(<u>Echinochloa crus-galli</u>)
Corn, Volunteer	(<u>Zeamays</u>)
Crabgrass, Large	(<u>Digitaria sanguinalis</u>)
Eveningprimrose, Cutleaf	(<u>Oenothera laciniata</u>)
Fescue, Tall	(<u>Fescue arundinacea</u>)
Goosegrass	(<u>Eleusine indica</u>)
Mustard	(<u>Brassica spp.</u>)
Nightshade, Black	(<u>Solanum nigrum</u>)
Panic Grass	(<u>Panicum spp.</u>)
Pigweed, Redroot	(<u>Amaranthus retroflexus</u>)
Pineappleweed	(<u>Matricaria matricarioides</u>)
Quackgrass	(<u>Agropyron repens</u>)
Pigweed, Redroot	(<u>Amaranthus retroflexus</u>)
Ryegrass, Perennial	(<u>Lolium perenne</u>)
Sicklepod	(<u>Cassia obtusifolia</u>)
Timothygrass	(<u>Phleum pratense</u>)

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The following weeds are controlled by 1-1/2 to 2 qt. TOUCHDOWN
4-LC per acre:

Brome, Downy	(<u>Bromus tectorum</u>)
Cocklebur	(<u>Xanthium spp.</u>)
Dogbane, Hemp	(<u>Apocynum cannabinum</u>)
Hophornbeam, Copperleaf	(<u>Aca'ypha ostryaefolia</u>)
Johnsongrass, Rhizome	(<u>Sorghum halepense</u>)
Johnsongrass, Seedling	(<u>Sorghum halepense</u>)
Milkweed	(<u>Asclepias spp.</u>)
Purslane, Common	(<u>Portulaca oleracea</u>)
Radish, Wild	(<u>Raphanus raphanistrum</u>)
Ragweed, Giant	(<u>Ambrosia trifida</u>)
Sheperdspurse	(<u>Capella bursa-pastoris</u>)

The following weeds are controlled by 2 to 3 qt. TOUCHDOWN
4-LC per acre:

Ragweed, Common	(<u>Ambrosia artemisiifolia</u>)
Sida, Prickly	(<u>Sida spinosa</u>)
Thistle, Canada	(<u>Cirsium arvense</u>)

The following weeds are controlled by 3 to 4 qt. TOUCHDOWN
4-LC per acre:

Bermudagrass	(<u>Cynodon dactylon</u>)
Bindweed, Field	(<u>Convolvulus arvensis</u>)
Cogongrass	(<u>Imperta cylindrica</u>)
Nutsedge, Yellow	(<u>Cyperus esculentus</u>)
Sesbania, Hemp	(<u>Sesbania exaltata</u>)
Velvetleaf	(<u>Abutilon theophrasti</u>)

GENERAL INFORMATION

TOUCHDOWN 4-LC is a broad spectrum foliar herbicide for non-selective systemic control of vegetation only in the following noncrop areas around the farm:

- Agricultural fence rows/hedge rows
- Agricultural rights-of-way
- Agricultural barrier strips
- Conservation Reserve and Federal Set-Aside Programs
- Farmyards
- Fuel Storage Areas

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Evidence obtained in laboratory and field tests suggest that:

- TOUCHDOWN 4-LC is effective in controlling regrowth of Rhizome Johnsongrass and Bermudagrass.
- TOUCHDOWN 4-LC is effective in rapidly desiccating weed foliage.

DIRECTIONS FOR USE

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

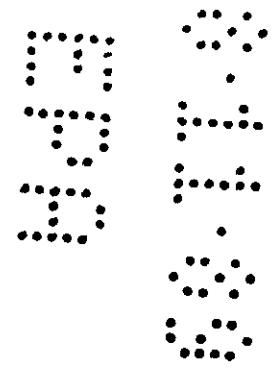
Apply this product only as specified on the label. Do not apply by aircraft.

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

To control regrowth of Rhizome Johnsongrass or Bermuda grass, apply TOUCHDOWN 4-LC at near-seedhead stage or later.

SPRAY APPLICATION

For control of all weeds listed, apply TOUCHDOWN 4-LC at the rates indicated above (see WEEDS CONTROLLED BY TOUCHDOWN 4-LC) in 10 to 30 gallons of water per acre, or in low volumes (1 to 2 gallons) per acre if applied by CDA (Controlled Droplet Application) equipment. Application must be made to actively growing weeds. When weed density is high the amount of water should be at the high end of the recommended range.



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WIPER APPLICATION

For control of all weeds listed, apply TOUCHDOWN 4-LC to actively growing weeds with a wiper applicator using one part TOUCHDOWN 4-LC and two parts water. Careful adjustment of equipment height is required to avoid contact with non-target plants. The speed at which the equipment passes over the target plants is extremely critical and should not exceed 5 mph. Two passes in opposite directions provide better control than a single pass. Periodic cleaning of the wick is necessary if plant wax accumulation occurs. The wick should remain saturated at all times.

HAND-DIRECTED SPOT APPLICATION

For control of the weeds listed use a 1% to 3% solution of TOUCHDOWN 4-LC in water (2% to 3% for hard to control weeds) as indicated in the table below. Spray the solution on actively growing foliage until uniformly wet but not to the point of runoff.

AMOUNT OF TOUCHDOWN 4-LC FOR HAND-DIRECTED SPOT APPLICATION

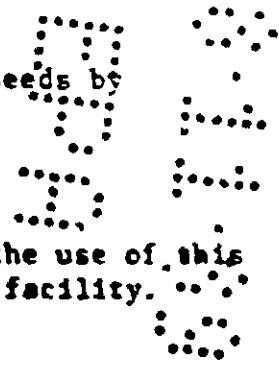
Solution strength	Final Volume			
	2 gallons	10 gallons	25 gallons	100 gallons
1%	1/3 cup	1-2/3 qt.	1 qt.	1 gal.
2%	2/3 cup	3-1/4 cups	2 qt.	2 gal.
3%	1 cup	4-3/4 cups	3 qt.	3 gal.

STORAGE AND DISPOSAL DIRECTIONS

PROHIBITIONS: Do not contaminate water, food, feed, fertilizer or seeds by storage or disposal.

STORAGE: Keep container tightly closed when not in use.

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



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CONTAINER DISPOSAL:

PLASTIC CONTAINERS: 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.

METAL CONTAINERS: 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 procedures.

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.

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