



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:
3862-143

Date of Issuance:
19 MAY 2008

Term of Issuance:

Name of Pesticide Product:
Knock Out Non-Selective Weed Killer

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

ABC Compounding Co., Inc.
P.O. Box 16247
Atlanta, GA 30321

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 reregistered in accordance with FIFRA section 4(6)(2)(C) provided you agree in writing to:

- 1. Based on toxicity ranking per the acute toxicity review, the First Aid statements should be placed on the label in the following order:

“IF ON SKIN OR CLOTHING:...
IF INHALED:...
IF SWALLOWED:...
IF IN EYES:...”

- 2. As specified in the acute toxicity review, a phone number for emergency medical treatment information should be added to the label.

- 3. Per the acute toxicity review, the Hazards to Humans and Domestic Animals must be revised to read:

“CAUTION
Harmful if absorbed through skin. Harmful if inhaled. Avoid contact with eyes, skin, or clothing. Avoid breathing spray mist or vapor.”

Signature of Approving Official:

Joanne I. Miller
Product Manager 23
Herbicide Branch
Registration Division (7505P)

Date:

19 MAY 2008

4. Per the acute toxicity review and the 2,4-D RED, the PPE section must be revised to read:

“Some materials that are chemical-resistant to this product are made of barrier laminate, nitrile rubber, neoprene rubber, or viton. If you want more options, follow the instructions for category E on an EPA chemical-resistance category selection chart.

All loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants,
- Shoes and socks,
- Chemical-resistant gloves, and
- Chemical-resistant apron when loading, cleaning up spills or cleaning equipment.”

5. The mechanical transfer engineering control text is no longer needed and may be deleted from the label.
6. The text in bold type must be added to the User Safety Recommendation text currently on the label:

“User should remove clothing/**PPE** immediately if pesticide gets inside.”

7. The text “except as noted on appropriate labels” should be deleted from the second sentence appearing in the Environmental Hazard section.
8. Under Storage and Disposal the statement “Do not contaminate water, food, or feed by storage and disposal” goes directly under the Storage and Disposal heading. The first bullet must read “**Pesticide Storage**” and delete the word “Prohibition”.
9. Per the product chemistry review, the text “Prohibition: Do not contaminate...dumping is prohibited” appearing in the Storage and Disposal section should be revised to read “Do not contaminate water, food, or feed by storage or disposal.” This text should be placed directly under the ‘Storage and Disposal’ heading.

Also per the product chemistry review, you must include language per PR Notice 2007-4 that identifies and describes the product container as refillable or non-refillable.

10. Per the 2,4-D RED, the text in **bold type** must be added to the spray drift text currently on the label:

“...Droplet Size

When applying sprays that contain 2,4-D as the sole active ingredient, or when applying sprays that contain 2,4-D mixed with active ingredients that require a coarse or coarser spray, apply only as a coarse or coarser spray (ASAE standard 572) or a volume mean diameter of 385 microns or greater for spinning atomizer nozzles.

When apply sprays that contain 2,4-D mixed with other active ingredients that require a medium or more fine spray, apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Wind Speed

Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition and there are not sensitive areas (including, but not limited to, residential areas, bodies of water, known habitat for nontarget species, nontarget crops) within 250 feet downwind. If applying a medium spray, leave one swath unsprayed at the downwind edge of the treated field.

Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if: a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Susceptible Plants

Do not apply under circumstances where spray drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption. Susceptible crops include, but are not limited to, cotton, okra, flowers, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans, and other vegetables, or tobacco. Small amounts of spray drift that might not be visible may injure susceptible broadleaf plants.

Other State and Local Requirements

Applicators must follow all state and local pesticide drift requirements regarding application of 2,4-D herbicides. Where states have more stringent regulations, they must be observed.

Equipment

All application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

2,-4-D esters may volatilize during conditions of low humidity and high temperatures. Do not apply during conditions of low humidity and high temperatures.”

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11. The text "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" and "Do not enter or allow people (or pets) to enter the treated area until sprays have dried" currently appearing under the 'Hazards to Humans and Domestic Animals' heading should be relocated to the 'Directions for Use' section under the heading 'General Precautions and Restrictions.'
12. The Notice of Warranty must read "To the extent consistent with applicable law, the manufacturer makes no warranties, expressed or implied, concerning the use of this product other than those indicated on the label."

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.

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505P)

Enclosure



KNOCK OUT™

NON-SELECTIVE WEED KILLER

*controls weeds and grasses
by contact and root action*

ACTIVE INGREDIENTS:

2,4-Dichlorophenoxyacetic acid 2-ethylhexylester*	1.09%
Bromacil (5-bromo-3-sec-butyl-6-methyluracil)	0.98%
INERT INGREDIENTS	97.93%
TOTAL	100.00%

*2,4-Dichlorophenoxyacetic acid equivalent
0.70% (0.051 lbs per gallon).

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
19 MAY 2008**

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

3862-143

**FIRST!
READ
ENTIRE
LABEL.**

**OBSERVE ALL WARNINGS AND FOLLOW DIRECTIONS CAREFULLY.
USE ONLY IN CONFORMANCE WITH FEDERAL AND STATE REGULATIONS.**

KEEP OUT OF REACH OF CHILDREN

**CAUTION: HARMFUL IF INHALED.
AVOID CONTACT WITH
EYES, SKIN OR CLOTHING.**

FOR COMMERCIAL AND INDUSTRIAL USE ONLY. NOT FOR USE ON AGRICULTURAL ESTABLISHMENTS.

FRONT PANEL

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FIRST AID:

If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Do not give any liquid to the person. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 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, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
NOTETO PHYSICIAN- Contains petroleum distillate - vomiting may cause aspiration pneumonia.	

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Harmful if inhaled. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes, or clothing. Causes skin irritation. Do not enter or allow people (or pets) to enter the treated area until sprays have dried. 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.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and pants
- Chemical-resistant gloves
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing, or loading
- A dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

User Safety Recommendations:

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should 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.
- Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Heavily contaminated or drenched clothing cannot be adequately decontaminated, and must be disposed of according to State and Local regulations.

ENVIRONMENTAL HAZARDS:

This pesticide may be toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark except as noted on appropriate labels. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

STORAGE AND DISPOSAL

STORAGE: Do not store with fertilizers, seeds, insecticides or fungicides.

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

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law and may contaminate groundwater. 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 other procedures approved by state and local authorities.

LEFT PANEL

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DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. This product is intended for use around any property or facility that functions to provide a service to the general public or to public or private organizations, including hospitals, nursing homes; schools (other than preschools and day care facilities); museums and libraries; sports facilities; and office buildings. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes. For use on plants in non-crop and non-timber areas only. Not for use on crops, timber, or other plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. Not for aerial applications.

GENERAL PRECAUTIONS & RESTRICTIONS: Injury or loss of desirable trees or other plants may result from failure to observe the following. Do not apply, drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend or in locations where the chemical may be washed or moved into contact with their roots. Do not use on lawns, walks, driveways, tennis courts or similar areas. Prevent drifts of spray to desirable plants. Do not contaminate domestic waters. Keep from contact with fertilizers, insecticides, fungicides and seeds. Thoroughly clean all traces of this concentrate from application equipment immediately after use. Flush tank, pump, hoses and boom with several changes of water after removing tips and screens (clean these parts separately).

This weed killer is a ready-to-use solution designed to be applied undiluted as a spray on non-cropland areas where bare ground is desired. The degree of weed control and duration of effect will vary with the amount of product used, soil type, rainfall and other conditions. Apply any time of year except when the ground is frozen. Best results are obtained after predominant species are well established in late spring or early summer. Before treating, calibrate equipment to insure uniform coverage of area to be treated. Measure out the proper amount and apply. Coarse sprays are less likely to drift. More than two (2) broadcast applications per site per year are prohibited. Minimum of 30 days between applications.

For containers over 1 gallon and less than 5 gallons: Persons engaged in open pouring of this product must also wear coveralls or a chemical resistant apron.

For containers 5 gallons or more: A mechanical system (probe and pump) must be used for transferring the contents of this container. If the contents of a non-refillable container are emptied, the probe must be rinsed before removal.

General Weed Control: To control most weeds for an extended period of time on non-cropland areas, such as: parking lots, fence rows, loading ramps, railroad sidings, storage yards, around buildings and industrial plant sites, apply 0.9 gallons per 1,000 sq. ft. (39 gallons per acre). Controls annual weeds and grasses such as foxtail, ryegrass, wild oats, crabgrass, cheatgrass, broomsedge, ragweed, lambsquarter and turkey mullein, and other hard-to-kill perennial weeds and grasses, such as Johnsongrass, saltgrass, bouncing bet, bracken fern and horsetail.

Equipment: Power sprayers, compressed air hand sprayers, knapsack sprayers or an ordinary sprinkler can be used to apply. No dilution or agitation is required.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product. When applying sprays that require a Coarse or coarser spray, apply only as a Coarse or coarser spray (ASAE standard 572) or a volume mean diameter or 385 microns or greater for spinning atomizer nozzles. When applying sprays that require a Medium or more fine spray, apply only as a Medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles. Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition and there are not sensitive areas (including, but not limited to, residential areas, bodies of water, known habitat for nontarget species, nontarget crops) within 250 feet downwind. If applying a Medium spray, leave one swath unsprayed at the downwind edge of the treated field. Do not apply under circumstances where spray drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption. Susceptible crops include, but are not limited to, cotton, okra, flowers, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans, and other vegetables, or tobacco. Small amounts of spray drift that might not be visible may injure susceptible broadleaf plants. Applicators must follow all state and local pesticide drift requirements regarding application of 2,4-D herbicides. Where states have more stringent regulations, they must be observed. All application equipment must be properly maintained and calibrated using appropriate carriers or surrogates. 2,4-D esters may volatilize during conditions of low humidity and high temperatures. Do not apply during conditions of low humidity and high temperatures.

Notice of Warranty: The manufacturer makes no warranties, expressed or implied, concerning the use of this product other than those indicated on the label. Purchaser assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

E.P.A. Reg. No. 3862-143

E.P.A. EST. 3862-GA-1

NET CONTENTS: 5 GAL (18.9 L)

Manufactured by:

ABC Compounding Co., Inc.
Atlanta, GA 30321-0247

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