

402-131

06-27-2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

JUN 27 2011

Mr. John F. Glisson  
Hill Manufacturing Company, Inc.  
1500 Jonesboro Rd, S.E.  
Atlanta, GA 30315

Subject: Notification per PR Notice 2007-4  
Weed & Brush Killer XL-1; ABN Ground Zero  
EPA Reg. No. 402-131  
Application dated June 13, 2011

Dear Mr. Glisson:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 of the subject product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 2007-4 and finds that the action requested falls within the scope of PRN 2007-4. The label submitted with the application has been date-stamped "Notification" and will be placed in our records.

If you have any questions, please contact Hope Johnson at 703-305-5410.

Sincerely,

A handwritten signature in black ink, appearing to read "Kable Bo Davis".

Kable Bo Davis  
Product Manger 25  
Herbicide Branch  
Registration Division (7505P)



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United States Environmental Protection Agency  
Office of Pesticide Programs (TS-767)  
Washington, DC 20460

Application for Pesticide:  Registration  Amendment

OPP Identifier Number

143470

**Section I**

1. Company/Product Number 402-131	2. Date 5/26/11	3. Product Manager 25 Kable	4. Proposed Classification <input checked="" type="checkbox"/> General <input type="checkbox"/> Restricted
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5. Name and Address of Applicant (Include ZIP Code)  
Hill Manufacturing Company, Inc.  
1500 Jonesboro Road, S.E.  
Atlanta, GA 30315

**NOTIFICATION**  
**JUN 27 2011**

Check if this is a new address

6. Product Name  
Brush and Weed Killer XL-1 (Sold as 2574 Ground Zero Weed And Brush Killer)

**Section II - Amendment Information**

1. Subject <input type="checkbox"/> Resubmission in response to Agency letter <input type="checkbox"/> Final printed label in response to Agency letter <input type="checkbox"/> Other (explain below)	Date of Letter
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Label revision to comply with PR Notice 2007-4  
3/8 copies reduced, 1 enlarged, pdf on CD

**Section III**

1. Material This Product Will Be Packaged In Child-Resistant Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes," Unit package wgt No. per container	Water-Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes," Package weight No. per container	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) of Retail Container 1, 5, 20, 35, 55 Gallon		

5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On material accompanying product	6. Manner in Which Label Is Affixed To Product <input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other (Specify)
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**Section IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application).

Name John F. Glisson	Title Tech Director	Telephone No. (Include Area Code) 404-522-8364	6. Date Application Received (Stamp)
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**Certification**  
I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2. Signature 	3. Title Technical Director	6. Date Application Received (Stamp)
4. Typed Name John F. Glisson	5. Date Signed 5/26/11	

# NOTIFICATION

JUN 27 2011

## #2574-4 **GROUND ZERO** WEED & BRUSH KILLER Water Soluble Liquid

**DIRECTIONS FOR USE**  
IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. GROUND ZERO WEED & BRUSH KILLER is a water soluble liquid to be mixed in water & applied as a spray on non-cropland areas. It is an effective general herbicide for control of brush and many perennial weeds, and is particularly useful for control of perennial grasses. Effects are slow to appear & may not become apparent until the chemical has been carried into the rootzone of the weeds by moisture. The degree of control & duration of effect will vary with the amount of chemical applied, soil type & other conditions. This product, after mixing in water is nonvolatile, nonflammable & noncorrosive to metals except aluminum. Apply this product just before or during the period of active growth of plants to be controlled. If dense growth is present, results will be improved if vegetation is removed before treatment.

Before spraying, calibrate equipment to determine quantity of water necessary to uniformly cover measured area to be treated. Measure the proper amount of this product & mix into the necessary volume of water. After this product has been thoroughly mixed in the spray tank, agitation of the spray solution is not required. Use a fixed-boom sprayer properly calibrated to a constant speed & rate of delivery, for a 13 foot boom use approximately 33 gallons of solution per acre. For application with a hand-gun sprayer, use at least 200 gallons of spray per acre. For treating small areas, a tank-type hand sprayer or sprinkling can may be used. Use sufficient solution to wet the soil properly for basal (spot) treatment. Use approximately 1-2 quarts of solution per 10 square feet.

**GENERAL PRECAUTIONS AND RESTRICTIONS:**  
Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Do not enter or allow others to enter until sprays have dried. Not to be used in any recreational areas or in or around homes. Do not use with aluminum nozzles. Do not apply when ground is frozen.

**BRUSH CONTROL:** To control undesirable woody plants on non-cropland areas such as RAILROAD RIGHTS-OF-WAY, STORAGE AREAS, & INDUSTRIAL PLANT SITES: Apply in spring or summer as a broadcast or basal (spot) treatment. For use on ditches, apply as a basal (spot) treatment only. Note: For effective brush control & prevention of damage to desirable vegetation, do not apply to brush standing in water; do not use water from treated areas for irrigation; do not use in irrigation ditches nor on rights-of-way or other sites where marketable timber or other desirable trees or shrubs are immediately adjacent to the treated area.

**BROADCAST TREATMENT:** Apply 4 1/2 to 10 gals. per acre to control oak, willow, sweet gum & pine; apply up to 12 gals. per acre to control brush such as American elm, winged elm, hackberry, sumac & cottonwood. Use the higher levels of the dosage ranges on adsorptive soils (those high in organic matter or carbon).

**BASAL (SPOT) TREATMENT - Mix 1 gal. in 5 gals. of water & apply at the rate of 2 to 4 fl. oz. per stem 2" to 4" in basal diameter, wet base of stem to run-off. Treatment controls woody plants such as cottonwood, cherry, maple, oak, poplar, red bud, sweet gum, wild cherry, willow & winged elm.**

**FEEB CONTROL:** To control most weeds for an extended period of time on non-cropland areas such as RAILROAD, HIGHWAY & PIPELINE RIGHTS-OF-WAY, PETROLEUM TANK FARMS, LUMBER YARDS STORAGE AREAS & INDUSTRIAL PLANTS SITES.

Apply 3 to 6 gals. of this product to control ANNUAL WEEDS & GRASSES such as foxtail, ryegrass, wild oats, crabgrass, cheatgrass, bromegrass, ragweed, lambsquarters, puncturevine, orchardgrass & turkey mulligan. When applied just prior to or after emergence of annuals, rates as low as 1 1/2 gal. per acre control many annual weeds & grasses in low rainfall areas & give short term control in higher rainfall areas.

Apply 6 to 12 gals. of this product per acre to control PERENNIAL WEEDS and GRASSES such as smooth

*Continued on side panel*

brome, bahiagrass, bluegrass, reedtop, purpletop, quackgrass, broomsedge, aster dandelion, dog fennel, goldenrod, plantain & wild carrot. In areas with low or seasonal rainfall, rates as low as 4 1/2 gals. per acre may control perennial weeds & grasses.

Apply up to 12 gals. of this product per acre to control JOHNSONGRASS. Use at the same rate for other hard-to-kill perennial weeds & grasses such as bermudagrass, dallisgrass, nutgrass, vasesgrass, satgrass, bouncinbet, dogbane, bracken fern & horseail. Where limited rainfall (usually less than 4 inches) occurs during the active growth period, such as some of the areas of the West, this product will not provide satisfactory control of hard-to-kill, deep-rooted perennial weeds such as Johnsongrass. Use the higher levels of the dosage ranges on adsorptive soils (usually those high in organic matter or carbon).

**RETREATMENT** - Apply 1 1/2 to 6 gals. of this product per acre when annual weeds & grasses reappear on sites where weed growth has been controlled.

**FOR SMALL AREAS** - These fluid ounces of this product per 250 sq. ft. is approximately 4 gals. per acre.

**PRECAUTIONARY STATEMENTS**  
**HAZARDOUS TO HUMANS & DOMESTIC ANIMALS**  
**CAUTION - HARMFUL IF SWALLOWED. CAUSES MODERATE EYE IRRITATION.** Avoid contact with eyes, skin or clothing.  
**PERSONAL PROTECTION:** Applicants and other handlers must wear: Long-sleeved shirt and long pants, chemical-resistant gloves, such as barrier laminate and butyl rubber, and shoes plus socks.  
**ENVIRONMENTAL HAZARD:** Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

**PHYSICAL OR CHEMICAL HAZARDS:** Keep away from heat or open flame.  
**IMPORTANT:** Injury to or loss of desirable trees or other plants may result from failure to observe the following: Do not apply, or drain or flush equipment on or near desirable trees or other plants or 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 drift of spray to desirable plants. Do not contaminate domestic waters. Keep from contact with fertilizers, insecticides, fungicides & seeds. Thoroughly clean all traces of GROUND ZERO WEED & BRUSH KILLER from application equipment immediately after use. Flush tank, pump, hoses & boom with several changes of water after removing nozzle tips & screens (clean these parts separately).

**STORAGE AND DISPOSAL:**  
**DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.**  
**PESTICIDE STORAGE:** Store in a dry place no lower in temperature than 50°F or higher than 120°F. Store in an area inaccessible to children.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container promptly after emptying. Triple rinse as follows: Fill container 1/4 full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions for incineration disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Then offer for recycling or reconditioning, if not available, puncture and dispose in a sanitary landfill.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or remnant 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.

Batch No. xxxxxxxx Date xxxxxxxx LBL REV 04/22/2011

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**FIRST AID IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water, if able to swallow. Do not induce vomiting unless told to by 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. Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage. Avoid alcohol.

**NOTICE:** The seller makes no implied warranty of merchantability nor any other warranties which extend beyond the description on this label.

EPA REG. NO. 402-131 EPA EST. NO. 402-GA-1  
Net Contents 1 Gallon  
FOR COMMERCIAL & INDUSTRIAL USE ONLY  
Manufactured by  
**HILL MANUFACTURING COMPANY, INC.**  
1500 JONESBORO RD SE, ATLANTA, GA 30315  
404-522-8364 1-800-445-5123