



PM 22 33955-510 10/8
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OCT 18 1996

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

James Armbruster, Ph.D.
PBI/Gordon Corporation
1217 West 12th Street
Kansas City, MO 64101-0090

Subject: Acme Weed & Grass Killer Concentrate
EPA Reg. Number 33955-510
Your label amendment dated July 12, 1996

Dear Dr. Armbruster:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided that you:

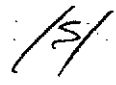
1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Delete the heading "ANTIDOTE FOR ARSENIC" and the entire paragraph immediately following this heading.
 - b. In the "APPENDIX" section, delete the claims "Works in hours" and "Fast acting". These claims conflict with the statement "If green tissue remains at five days after application..." in the "LAWN RENOVATION" section.
2. Submit one copy of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration may be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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If you have any questions about this letter, please contact
Tobi Colvin-Snyder of my staff at 703-305-7801.

Sincerely,



Phillip Errico
Acting Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (7505C)

cc: Ron Kendall
Reregistration Branch
Special Review and Reregistration Division (7508W)

Compared to 9-20-74 label

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Official Name: ACME® WEED KILLER NON SELECTIVE HERBICIDE FOR GENERAL WEED CONTROL

Proposed Brand Name: ACME® WEED & GRASS KILLER CONCENTRATE

ACTIVE INGREDIENTS:	
Sodium Cacodylate.....	5.2%
Dimethylarsinic Acid (Cacodylic Acid).....	0.9%
INERT INGREDIENTS.....	93.90%
TOTAL	100.00%

Total arsenic as elemental all in water soluble form - 2.90%

KEEP OUT OF REACH OF CHILDREN

ACCEPTED with COMMENTS In EPA Letter Dated OCT 18 1996

CAUTION

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 33955-510 See side panels for Precautionary Statements and Statement of Practical Treatment

NET CONTENTS (ONE PINT, TWO QUARTS, or ONE GALLON.)

844 APXXXXXX
EPA Reg. No. 33955-510
EPA Est. No. 2217-KS-1
Mfd. by ACME DIVISION
PBI/GORDON CORPORATION
KANSAS CITY, MISSOURI 64101

REC'D EPA/QPP/DPD1
'96 JUL 23 AM 1:24

EPA Reg. No. 33955-510am



READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

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PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

CAUTION: Harmful if swallowed. Avoid contact with skin. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not allow children or pets on treated areas. Do not allow domestic animals to graze treated areas.

Statement of Practical Treatment

~~IF SWALLOWED:~~ Call a physician immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

~~IF ON SKIN:~~ Wash with plenty of soap and water. Get medical attention if irritation persists.

~~IF INHALED:~~ Remove victim to fresh air. Apply artificial respiration, preferably mouth to mouth if indicated.

~~IF IN EYES:~~ Flush with plenty of water. Get medical attention if irritation persists.

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

~~ANTIDOTE FOR ARSENIC~~

~~In case of accident, call a physician immediately. If swallowed, give a tablespoon of salt in a glass of warm water and repeat until vomit fluid is clear. Then give two tablespoonfuls of Epsom Salts or Milk of Magnesia in water and plenty of milk and water. Have victim lie down and keep quiet. Do not give fluids to an unconscious person.~~

Environmental Hazards

This product is toxic to fish, birds and other wildlife. ~~For terrestrial uses,~~ Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Do not contaminate water for domestic use or irrigation. Apply this product only as specified on this label.

DIRECTIONS FOR USE

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

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

STORAGE & DISPOSAL

STORAGE: Do not store near feed or food products.

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: ~~When container is empty, rinse with water at least twice. Add this water as part of tank dilution. Punch holes in top and bottom so container cannot be reused. Discard in safe place or bury. Non-aerosol products (bottles, cans, jars) - Do not reuse container (bottle, can, jar). Rinse thoroughly before discarding in trash.~~

USE PRECAUTIONS:

Acme Weed Killer is non-selective herbicide and will kill weeds and grasses on contact. Do not spray or allow contact with leaves, stems, bark, graft unions, or wounds of trees and ornamentals. Do not spray or allow contact with the leaves and stems of flowers and desirable plants.

- Do not track from treated area of turfgrass onto the untreated area.
- Do not sprinkle the treated area immediately after application.
- Rinse equipment thoroughly after use.

LAWN RENOVATION:

To destroy weedy sections of lawns and turfgrass, apply Acme Weed Killer during the growing season. Sun and high temperatures increase the rate of activity. Mow the lawn to about a one (1) inch height before treatment

Mix 32 fluid ounces of Acme Weed Killer in 3.0 gallons of water and apply to 800 sq. ft. of turfgrass. Spray grass blades thoroughly. If green tissue remains at five days after application, then reapply at the same dosage. Bermudagrass, nimblewill, and deep rooted perennials may require a second treatment at the same dosage rate in five (5) days.

When the leaves are brown, the treated areas should be raked to remove the dead vegetation. Seeding, sodding, or sprigging may be done at 14 days after application, and the lawn can be re-established according to local practices.

Treated Area	Amount of Water		Amount of Product	
	Sq.Ft.	Gallons	English Measure	Fl.Oz.
800	3	1.0 quart	32 fl.oz.	
1600	6	2.0 quarts	64 fl.oz.	
3200	12	1.0 gallon	128 fl.oz.	

TRIM AND EDGING TREATMENTS:

Acme Weed Killer can be used for trimming and edging to control weeds along sidewalks, patios, fences, trees, walls, fence posts, signposts, and driveways. This product does not provide residual weed control and additional applications may be needed.

Apply using a hand-operated sprayers (plunger or pump-up sprayers).

Mix sixteen (16) fluid ounces of Acme Weed Killer with one (1.0) gallon of water and apply to 150 sq. ft. of turfgrass. Acme Weed Killer contains a wetting agent for improved weed control. Mix thoroughly before application. Apply at the proper rate in the proper amount of water to the measured area.

For the best results, apply when the weeds are young and actively growing. Bermudagrass, nimblewill, woody plants, and deep rooted perennials may require a second treatment at the same dosage rate in five (5) days.

Treated Area	Amount of Water		Amount of Product	
	Sq.Ft.	Gallons	English Measure	Fl.Oz.
150	1	1.0 pint	16	
600	4	2.0 quarts	64	
1200	8	1.0 gallon	128	

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SPOT TREATMENTS:

Mix Acme Weed Killer with water to spot treat unwanted vegetation in areas such as along patios, driveways, sidewalks, fences, walls, around established trees and signposts.

Spray thoroughly unwanted vegetation. The best kill is obtained on young plants and during hot sunny weather.

Mix 10 - 14 fl. oz. of Acme Weed Killer in one (1.0) gallon of water. Or, follow the recommendations for spray preparation below. Use the higher concentration to control bermudagrass, nimblewill, woody plants, and deep rooted perennials.

Apply using a trigger sprayer or hand-operated sprayers (plunger or pump-up sprayers). Repeat applications may be necessary.

Spray Volume	Amount of Product	
	To Kill Most Weeds	Hard-To-Kill Weeds
1 quart	2.5 fl.oz.	3.5 fl.oz.
1 gallon	10 fl.oz.	14 fl.oz.
2 gallons	20 fl.oz.	28 fl.oz.
3 gallons	30 fl.oz.	42 fl.oz.
4 gallons	40 fl.oz.	56 fl.oz.
Equal Measures: 16 fl.oz. = 1 pint = 2 cups. 2 Tablespoons (Tbs) = 1 fluid ounces (fl.oz.)		

HELPFUL USE TIPS:

1. Thorough spray coverage of all plants is required.
2. Retreatment may be necessary if rainfall or irrigation occurs within 12 hours of application.
3. To avoid foam, first fill the sprayer with water and then add this product.
4. Do not allow spray to stand in galvanized equipment.

USE PRECAUTIONS:

Acme Weed Killer is non-selective. Careless use may cause injury to desirable plants. Do not spray or allow to drift onto foliage, green bark, graft unions, or tree wounds, or contact flowers or lawns.

Do not track from treated area onto turf. Damaged grass may be raked out and reseeded after 14 days. Keep area watered after seeding.

LAWN RENOVATION: If nimblewill or other undesirable grasses such as Bermuda have taken over patches of turf, spray in August or early September to kill these grasses. Mow area to be treated close 1" high. Apply 1 quart of weed and grass killer per 800 square feet in enough water to wet foliage completely. If any area is still green after 5 days repeat at the same dosage. When foliage is all brown (5 days) rake out dead grass, scarify the soil surface, water thoroughly and seed as a new lawn. Keep area watered. Fertilize lightly as soon as grass seedlings are 2" high.

For killing weeds and grasses along driveways, drainage ditchbanks, fence rows, walls and large well-established trees use one pint Acme Weed-Killer per gallon of water. Contains wetting agent for better foliage contact. Apply using a sprayer or plastic sprinkler can. Do not allow spray to stand in galvanized equipment. Wash sprayer and other utensils after use. Apply spray over entire foliage to be killed. To avoid foam, fill sprayer to mark with water and add weed and grass killer last. Mix by stirring or swirling.

~~For best results treat weeds while they are young and actively growing. Woody plants and deep-rooted perennials should be resprayed as soon as any regrowth shows. Dense, tall weed stands should be checked in 3 to 5 days and any skips be sprayed. Depending on density of vegetation, one gallon of spray should cover approximately 150 square feet. Do not overspray as material that falls on the ground is not active. Two light applications just to the runoff point is more effective than one heavy spraying.~~

LIMITED WARRANTY AND DISCLAIMER.

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use.

THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

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APPENDIX

Advertising claims that may be presented on retail containers of supplemental registrants.

1. One quart makes up to 3.0 gallons of spray solution.
2. One quart treats up to 800 sq.ft.
3. Works in hours.
4. Fast acting.
5. Water based.
6. Kills grass and weeds.
7. Controls grass and weeds.