

pm23

334-265

1 of 3

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 4 1991

Jack Smothers
Hysan Corporation
4309 South Morgan Street
Chicago, IL 60609

Dear Mr. Smothers:

Subject: Revised Label Text
GCC - 535 Grounds Management Chemical
EPA Registration No. 334-265
Your Submission Dated May 3, 1991

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

1) Under the Statement of Practical Treatment, rewrite the statement for "If Swallowed" to read "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. Do not induce vomiting or give anything by mouth to an unconscious person." If for any reason vomiting should not be induced, or if you feel that this statement is inadequate for any other reason, data should be submitted to the Agency along with the proposed language for this statement.

2) Due to new EPA policy, part of the Environmental Hazards section has been changed. To comply, change the sentence "Do not apply to water or wetlands (swamps, bogs, or marshes)" to read "Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark."

A stamped copy is enclosed for your records. Please submit five (5) final printed copies for the referenced label, incorporating the above changes.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

CONCURRENCES

SYMBOL	H7505C						
SURNAME	D. KENNY						
DATE	6/3/91						

NOTE: Minimum type size on back panel is 6 points (reducing copy below to 75% gives about 6 point type and 1 3/4 picas column width).

FEATURES, CLAIMS, AND USES

For Industrial, Institutional, and Commercial use to control broadleaf weeds in terrestrial non-food areas, including non-cropland, non-pasturing areas of farms, vacant lots, lawncare, golf courses, parks, cemeteries, rights-of-way, drainage ditch banks, airfields, roadsides, and general indoor/outdoor treatment of similar places with ornamental and sports turf.

CONTROLS THESE WEEDS: Buckhorn, Clover, Common Chickweed, Curled Dock, Dandelions*, English Daisy*, Ground Ivy, Knotweed, Lamb's-quarters, Mallow, Mouse-ear Chickweed, Morning Glory, Ragweed, Plantain, Purslane, Raywood, Red Clover, Red Sorrel*, Sicklewort, Speedwell, White Clover, Wild Garlic*, Wild Onion*, and Yarrow.

For use on all types of ornamental and sports turf, including Merlot, Kentucky Blue grasses, Bermuda, fescues, and rye grasses. It has been used successfully on bent grasses, but test it prior to use to make sure it is non-damaging under the particular conditions of use.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid contact with eyes, skin, and clothing. Avoid breathing spray mist and vapor. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash it before reuse. Do not contaminate foods/drinks/feeds/water during storage, use, cleaning of equipment, or disposal of wastes.

Protective Clothing and Eye Protection: Wear chemical-resistant gloves, face shield or goggles, long pants, long-sleeved shirt, and shoes when handling, mixing, loading, or applying this product.

Worker Reentry: Do not reenter or permit workers or others to reenter treated areas until sprays have dried, or dusts have settled.

PRACTICAL TREATMENT (FIRST AID)

QUICKLY follow directions below AND call a Poison Control Center (or physician or emergency department). Always get quick medical attention for ANY ill effects which continue (or show up later).

IF IN EYES: Flush eyes with plenty of water while removing any contact lenses, then hold eyelids open and continue flushing with plenty of water.

IF ON SKIN, CLOTHING, ETC.: Remove any contaminated clothing, shoes, jewelry, etc. (clean them thoroughly before wearing), and wash affected skin with soap and water.

IF SWALLOWED: Immediately (for conscious victims) rinse mouth with water, spit out rinse, then drink a glassful or more of water and get medical attention.

ENVIRONMENTAL HAZARDS

Groundwater Contamination: Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D and MCPP have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D and MCPP pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

Aquatic Uses: This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and non-target plants. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

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

GENERAL: Apply when weeds are actively growing (spring or fall). Treat Knotweed when weeds are young (spring or early summer). MCPP acts more slowly than 2,4-D, so some weeds will die before others; allow 3 to 4 weeks for complete weed kill. After weeds are dead, reseed bare areas. Encourage new growth by fertilizing before or after application.

(Continued on right side panel.)

CONTROLS THESE WEEDS:

Buckhorn	Lamb's quarters	Red Clover
Clover	Mallow	Red Sorrel*
Common Chickweed	Mouse-ear Chickweed	Sicklewort
Curled Dock	Morning Glory	Speedwell
Dandelions*	Plywood	White Clover
English Daisy*	Plantain	Wild Garlic*
Ground Ivy	Purslane	Wild Onion*
Knotweed	Ragweed	Yarrow*

ACCEPTED with COMMENTS
EPA Letter Date
June 4, 1991
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 334-265

GCC-535

GROUNDS MANAGEMENT CHEMICAL

CONTROLS MANY ORNAMENTAL TURF AND LAWN BROADLEAF WEEDS, AND SURFACE-CREEPING BROADLEAF WEEDS WITHOUT INJURY TO MOST ORNAMENTAL LAWN GRASSES.

ACTIVE INGREDIENTS:

2-(2-Methyl-4-chlorophenoxy) propionic acid, dimethylamine salt* 4.05%
2,4-Dichlorophenoxyacetic acid, dimethylamine salt† 4.02%

INERT INGREDIENTS 91.93%
TOTAL 100.00%

*Equivalent to 3.35% (0.28 lb/gal) of 2-(2-Methyl-4-chlorophenoxy) propionic acid (MCPP acid).

†Equivalent to 3.33% (0.28 lb/gal) of 2,4-Dichlorophenoxyacetic acid [2,4-D acid].

KEEP OUT OF REACH OF CHILDREN. CAUTION

SEE ADDITIONAL PRECAUTIONARY AND PRACTICAL TREATMENT (FIRST AID) STATEMENTS ON LEFT PANEL.

EPA Reg. No. 334-265

EPA Est. 334-IL-1

MANUFACTURED BY

hysan®
CORPORATION
MAIN OFFICE CHICAGO, IL 60609

OTHER LOCATIONS
Waco, TX 76712
Blue Island, IL 60406
Cartersville, GA 30120
Los Angeles, CA 90021

NET 1 GAL (3.78 L)

Hysan Product Name: **GCC-535**

Hysan Product #: **53545-01-X-XX-XXXX**

NOTE: Also available as a single-use version called "LIBERATE" (HP 53745).

Disk Volume: 063 (L); Filename: A53545-01; Date Last Revised: 04-30-91

Product File Name at EPA: GCC-535 Grounds Management Chemical

EPA APPROVAL - by: _____ Date: _____

HYSAN SALES APPROVAL - by: _____ Date: _____

Do NOT apply to non-weather, or during rain after application, or do not use where clover bent grasses are desired. Use a coarse spray in such as fruits, vegetable around greenhouses, irrigation purposes.

For Single-Use Bottle: 2 gal sprayer tank or Security Lotion pump spray evenly over the application may be necessary to kill weeds.

APPLICATION RATES: 1 gal of this product will cover 1 acre with a spray 1 in 2 gal water per 1 water per 100 m²; 45 the higher concentration asterisk (*) in the necessary, especially weeds.

CLEANING OF EQUIPMENT: Washwater on the ground wells and water source. Always flush all equipment. If it is difficult to clean of sprayers and other other equipment for chemicals may cause h

GENERAL: Do not drink/leak/water). Handle any damaged "dispose".

STORAGE: Keep in dry, locked area in a cool, dry, well-ventilated area. Do not store in hot, unventilated areas.

PESTICIDE DISPOSAL: of excess pesticide, a low and may contain disposed of by use of Pesticide or Environmental representative of the n

CONTAINER DISPOSAL: recycling or reconditioning, or by other authorities. Rinse of also be disposed of by authorities, by burning.

DISPOSAL FOR CONTAINER: original container. For several layers of news

RELABELING/REPACKAGING: relabeled/repackaged the basic registration.

EPA Reg. No. 334-265

MANUFACTURED BY **hysan** CORPORATION MAIN OFFICE CHICAGO

0491

CONTROLS MANY ORNAMENTAL TURF AND LAWN BROADLEAF WEEDS, AND SURFACE-CREEPING BROAD-LEAF WEEDS WITHOUT INJURY TO MOST ORNAMENTAL LAWN GRASSES.

FEATURES, CLAIMS, AND USES

For Industrial, Institutional, and Commercial use to control broadleaf weeds in terrestrial non-food areas, including non-cropland, non-grazing areas of lawns, vacant lots, tennis courts, golf courses, parks, cemeteries, rights-of-way, drainage ditch banks, airfields, roadsides, and general indoor/outdoor treatment of similar places with ornamental and sports turf.

CONTROLS THESE WEEDS: Buckhorn, Clover, Common Chickweed, Curled Dock, Dandelion*, English Daisy*, Ground Ivy, Knotweed, Lamb's-quarters, Mouse, Mouse-ear Chickweed, Herring Gull, Pigweed, Plantain, Purslane, Ragwort*, Red Clover, Red Sorrel*, Stitchwort, Speedwell, White Clover, Wild O.* c*, Wild Onion*, and Yarrow.

For use on all types of ornamental and sports turf, including Marston, Kentucky Blue grasses, Bermuda, fescues, and rye grasses. It has been used successfully on bent grasses, but test it prior to use to make sure it is non-damaging under the particular conditions to be used.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid contact with eyes, skin, and clothing. Avoid breathing spray mist and vapor. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash it before reuse. Do not contaminate foods/drinks/foods/water during storage, use, cleaning of equipment, or disposal of wastes.

Protective Clothing and Eye Protection: Wear chemical-resistant gloves, face shield or goggles, long pants, long-sleeved shirt, and shoes when handling, mixing, loading, or applying this product.

Worker Safety: Do not reenter or permit workers or others to reenter treated areas until sprays have dried, or dusts have settled.

PRACTICAL TREATMENT (FIRST AID)

QUICKLY follow directions below AND call a Poison Control Center (or physician or emergency department). Always get quick medical attention for ANY ill effects which continue (or show up later).

IF IN EYES: Flush eyes with plenty of water while removing any contact lenses, then hold eyelids open and continue flushing with plenty of water.

IF ON SKIN, CLOTHING, ETC.: Remove any contaminated clothing, shoes, jewelry, etc. (clean them thoroughly before reusing), and wash affected skin with soap and water.

IF SWALLOWED: Call a Poison Control Center or physician. 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.

ENVIRONMENTAL HAZARDS

Groundwater Contamination: Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D and MCPP have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D and MCPP pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

Non-Aquatic Uses: This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and non-target plants. 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.

DIRECTIONS FOR USE

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

GENERAL: Apply when weeds are actively growing (spring or fall). Treat Knotweed when weeds are young (spring or early summer). MCPP acts more slowly than 2,4-D, so some weeds will die before others, after 3 to 4 weeks for complete weed kill. After weeds are dead, reseed bare areas. Encourage new growth by fertilizing before or after application.

(Continued on right side panel.)

GCC-535

GROUNDS MANAGEMENT CHEMICAL

ACTIVE INGREDIENTS:

2-(2-Methyl-4-chlorophenoxy) propanoic acid, dimethylamine salt*	4.05%
2,4-Dichlorophenoxyacetic acid, dimethylamine salt†	4.02%
INERT INGREDIENTS	91.93%
TOTAL	100.00%

*Equivalent to 3.35% (0.28 lb/gal) of 2-(2-Methyl-4-chlorophenoxy) propanoic acid (MCPP acid).
†Equivalent to 3.33% (0.28 lb/gal) of 2,4-Dichlorophenoxyacetic acid [2,4-D acid].



Notice 82-2.
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EPA Reg. No. 334-265

EPA Est. No. 334-IL-1

KEEP OUT OF REACH OF CHILDREN.

CAUTION

SEE ADDITIONAL PRECAUTIONARY AND PRACTICAL TREATMENT (FIRST AID) STATEMENTS ON LEFT PANEL.

1 GAL. (3.78L)

DIRECTIONS FOR USE

(Continued from left side panel.)

Do NOT apply to newly seeded areas, during drought or very hot weather, or during rainy periods. Do not mow for several days before or after application, or wear for 24 hours after application. Test first, or do not use where clover or buffalo, carpet, dichondra, St. Augustine, or bent grasses are desirable.

Use a coarse spray to minimize drifting onto desirable nearby plants, such as fruits, vegetables, legumes, ornamentals, etc. Do not use in or around greenhouses. Do not contaminate water used for domestic or irrigation purposes.

APPLICATION RATES AND PROCEDURE: To kill most weeds, mix 5 to 6 gal of this product with about 20 to 50 gal of water and spread it evenly over 1 acre with a sprayer or other applicator (16 to 20 fl oz of product in 1 to 2 gal water per 1,000 sq ft; 450 to 550 ml of product in 2 to 5 L water per 100 m²; 45 to 55 L of product in 200 to 500 L per ha). Use the higher concentration for these less-susceptible weeds marked with an asterisk (*) in the preceding list. Repeat applications may be necessary, especially with heavy infestations of the harder-to-kill weeds.

CLEANING OF EQUIPMENT: When cleaning equipment, do not pour the washwater on the ground; spray or drain over a large area away from wells and water sources.

Always flush all equipment thoroughly with water immediately after use. It is difficult to clean 2,4-D and MCPP compounds completely out of sprayers and other equipment. Therefore, do not reuse sprayers and other equipment for purposes where even trace amounts of these chemicals may cause injury.

STORAGE AND DISPOSAL

GENERAL: Do not contaminate other materials (including foods/drinks/foods/water), during transport, use, storage, and disposal. Handle any damaged, leaking, or spilled product as directed under "disposal".

STORAGE: Keep in upright, tightly closed original container in a cool, dry, locked area inaccessible to children and away from sources of ignition, heat, degradation, and contamination (including flames, sparks, hot surfaces, sunlight, and other chemicals). Keep from freezing.

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 of 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. Rinsed plastic and paper-reinforced plastic containers may also be disposed of by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

DISPOSAL FOR CONTAINERS 1 GAL OR SMALLER: Do not reuse empty original container. Rinse it thoroughly with water, securely wrap in several layers of newspaper, and discard in trash.



Chicago, IL 60609
Blue Island, IL 60406
Cartersville, GA 30120
Waco, TX 76712

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Made in U.S.A.

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