

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 4 1991

Jack Smothers
Dettelbach Chemical Company
4309 South Morgan Street
Chicago, IL 60609

Dear Mr. Smothers:

Subject: Revised Label Text
Globe Semi Soil Sterilant
EPA Registration No. 1421-160
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) Reinstate the subheading "Physical or Chemical Hazards" and the statement "Do not use or store near heat or open flame."
- 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						

[GLOBE]
SEMI
SOIL STERILANT

NON-SELECTIVE WEED KILLER

A LIQUID TOTAL WEED KILLER
TO BE APPLIED UNDILUTED AS A SPRAY
ON NON-CROPLAND AREAS
WHERE BARE GROUND IS DESIRED.

CONTROLS THESE WEEDS: Aster, Bouncing Bet, Bracken Fern, Canada Bluegrass, Cheatgrass, Crabgrass, Dandelion, Dog Fennel, Foxtail, Goldenrod, Horsetail, Johnsongrass, Lamb's-quarter, Plantain, Purpletop, Quackgrass, Ragweed, Ryegrass, Salt Grass, Smooth Brome, Turkey Mullein, Wild Carrot, and Wild Oats.

ACTIVE INGREDIENTS:
Isocetyl 2,4-dichlorophenoxyacetate* 1.09%
Bromacil [5-bromo-3-sec-butyl-6-methyluracil] 0.98%
INERT INGREDIENTS † 97.93%
TOTAL 100.00%

*Equivalent to 0.70% of 2,4-Dichlorophenoxyacetic acid [2,4-D acid].
†Contains Petroleum distillates.

KEEP OUT OF REACH OF CHILDREN.
WARNING
SEE ADDITIONAL PRECAUTIONARY
AND PRACTICAL TREATMENT
STATEMENTS ON LEFT PANEL.

EPA Reg. No. 1421-160 EPA Est. No. 334-GA-1

Manufactured for Dettelbach Chemical Company
a division of and

MANUFACTURED BY **hysan**® CORPORATION
OTHER LOCATIONS
Waco, TX 76712
Blue Island, IL 60406
Cartersville, GA 30120
MAIN OFFICE CHICAGO, IL 60609 Los Angeles, CA 90021

NET 1 GAL (3.78 L)

ACCEPTED
with COMMENTS
in EPA Letter Dated

June 4, 1991
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
1421-160

FEATURES, CLAIMS, AND USES

TOTAL WEED KILLER: This specially formulated, non-selective weed killer and semi-soil-sterilizer controls a wide variety of annual and perennial weeds and grasses. It is a ready-to-use oil-based product for industrial, institutional, and Commercial use in terrestrial non-food areas (including non-cropland/non-grazing/non-aquatic areas of vacant lots, parking lots, loading ramps, fence rows, railroad sidings, storage yards, industrial plant sites, golf courses, parks, cemeteries, rights-of-way, drainage ditch banks, airfields, roadsides, around buildings, and general indoor/outdoor treatment of similar places) where bare ground is desired. The degree of weed control and duration of effect will vary with the amount of chemical applied, soil type, rainfall, and other conditions.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

WARNING: Harmful if swallowed or absorbed through skin. Causes skin irritation. Do not get in eyes, on skin, or on clothing. Avoid breathing spray mist and vapor. Wash thoroughly with soap and water after handling. Remove any 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: When handling this product, wear chemical-resistant gloves.

STATEMENTS OF PRACTICAL TREATMENT (FIRST AID)

GENERAL: 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 SWALLOWED: Do NOT induce vomiting unless directed by medical personnel. Immediately (for conscious victims) rinse mouth with water, spit out rinse, then drink a glassful or more of water. Get immediate medical attention.

IF IN EYES: Flush eye with plenty of water while removing any contact lenses, then hold eye open and flush eyes thoroughly with water.

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

NOTE TO PHYSICIAN: Contains over 90% Petroleum distillates.

ENVIRONMENTAL HAZARDS

Groundwater Contamination: Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D 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 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.

Users should consult their sales representative, Agricultural Experiment Station, or Extension Service weed specialists as to use of this product in their locality.

(Continued on right side panel)

APPLICATION: power spray type sprayer proper and meet before equipment be applied results are late spring

ATTENTION: desirable for flowers, fruit plants) in the coarse spray

Apply undiluted 475 L/ha; most products

CLEANING: with water pour the way from purposes, use it for off

GENERAL: drinks/feeds Handle any "disposal"

STORAGE: dry, locked ignition, hot sparks, hot

PESTICIDE: of excess p law and m disposed of Pesticide e representat

CONTAINER: recycling e landfil, or authorities also be dis authorities.

DISPOSAL: original ce several lay

RELABELING: relabeled/ the basic r

EPA Reg. N EPA Est. N

Hysan Product Name: **.98% BROMACIL**

Hysan Product #: **90940-01-X-XX-XXXXX**

Disk Volume: 063 (L); Filename: A90940-01 EPA ; Date Last Revised: 05-03-91

Product File Name at EPA: Globe Soil Sterilant

HYSAN LARA APPROVAL- by: _____; Date: _____
 HYSAN R&D APPROVAL- by: _____; Date: _____
 HYSAN SALES APPROVAL- by: _____; Date: _____

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