

ACCEPTED
 Jun-6-1969
 UNDER THE FEDERAL INSECTICIDE
 FUNGICIDE AND ROENTGENIC ACT
 FOR ECONOMIC POISON REGISTRATION
 UNDER NO. 8822

Products for Railroads and Industry

HABCO

NET CONTENTS
 GALLONS

HABCO* 444 (LIQUID WEED KILLER)

GENERAL INFORMATION

HABCO 444 is a liquid, non-selective, persistent, general herbicide designed for use where control of all vegetation is desired. It is recommended for non-crop areas such as fence rows, parking lots, around buildings, loading ramps, storage yards, tank farms, along pipelines, industrial plant sites and other similar areas where grasses and weeds interfere with drainage, create a fire hazard or cause unsightly appearance.

DESCRIPTION OF PRODUCT

HABCO 444 liquid weed killer is composed of chlorinated phenols, 5-bromo-3-sec-butyl-6-methyluracil (bromacil) and a low volatile 2,4-D ester in a phytotoxic oil. The oil carrier combines the properties of low volatility with rapid penetration and translocation in the plant. The insolubility of the herbicide in water assures full effect regardless of rainfall after application or stage of growth at the time of application.

HABCO 444 liquid produces rapid top kill of all succulent vegetation. Translocation and root absorption of component herbicides produce extensive root kill of weeds and provide long term residual control.

RECOMMENDATIONS FOR USE

1. For ~~annual weeds and grasses~~ such as crabgrass, foxtail, barnyardgrass, lambsquarter and pigweed use 1 to 2 gals. per 1,000 sq. ft. (40 to 80 gals. per acre).

CAUTION: KEEP OUT OF REACH OF CHILDREN

2. Perennial weeds and grasses such as smooth brome, quackgrass, Canada bluegrass, broom-sedge, aster, dandelion, goldenrod, plantain, wild carrot and purpletop use 2 to 4 gals. per 1,000 sq. ft. (80 to 160 gals. per acre).
3. For other hard-to-kill perennial weeds and grasses such as Johnsongrass, saltgrass, Bermudagrass, horsetail, bouncing bet and bracken fern use 3 to 5 gals. per 1,000 sq. ft. (120 to 200 gals. per acre).

HABCO 444 liquid may be applied at any time of the year except when the ground is frozen. Best results are obtained after predominant weeds have emerged and developed to a point where they present a problem. The product should be applied as is. No agitation or dilution is necessary and any equipment from sprinkler can to complicated sprayer may be used. Equipment should be calibrated so as to assure application of the recommended amount of material.

ACTIVE INGREDIENTS:

Mixed aliphatic hydrocarbons	94.97%
2,4-Dichlorophenoxyacetic acid (isooctyl ester) **	1.09%*
Pentachlorophenol	0.80%
Other chlorophenols	0.09%
Bromacil (5-bromo-3-sec-butyl- 6-methyluracil)	0.98%
INERT INGREDIENTS	2.07%..
	<hr/> 100.00%

**2,4-D equivalent 0.70%
 USDA Reg. No. 8823-21

CAUTION

Do not apply HABCO 444 liquid to areas where the roots of desirable plants such as trees or ornamentals will come into contact with it as injury might result. Do not use on lawns, driveways, walks or similar areas. Avoid spray drift to susceptible plants, as this product may injure cotton, beans, peas, ornamentals, etc. Do not contaminate domestic water or irrigation water and keep from contact with fertilizer, insecticides, fungicides and seeds. Vapors from this product may injure susceptible plants in the immediate vicinity. Coarse sprays are less likely to drift.

HABCO 444 is toxic to fish and wildlife. Keep out of lakes, streams, or ponds. APPLY HABCO 444 only as specified on this label.

Thoroughly clean spray equipment with a suitable chemical cleaner before using for other purposes.

HABCO 444 liquid might cause skin irritation . . . avoid contact with skin, eyes and clothing.

DO NOT inhale spray drift. DO NOT wear saturated clothing. Harmful if swallowed.

In case of contact wash with soap and water; for eyes, flush with large amounts of water immediately and get medical attention.

HABCO 444 liquid weed killer when used according to directions will provide low cost, convenient and complete weed control for a season or more. Sprayed vegetation is no more flammable than vegetation destroyed by mowing or other non-chemical means. Because of the taste and odor, it is unlikely that sprayed vegetation will be eaten by livestock.

DO NOT REUSE CONTAINER
 DESTROY WHEN EMPTY

CONDITIONS OF SALE

All statements concerning the use of this product apply only when used as directed.

The manufacturer makes no warranties, expressed or implied, concerning this product or its use, which extend beyond the description on the label. Read all directions carefully.

* HABCO is the exclusive trade mark property of the Horne-Boatright Chemical Co., Inc.

Manufactured by HORNE BOATRIGHT CHEMICAL COMPANY, INC. Minneapolis, Minnesota and Birmingham, Alabama

RECEIVED
 JUN-6-1969
 UNDER THE FEDERAL INSECTICIDE
 FUNGICIDE AND ROENTGENIC ACT
 FOR ECONOMIC POISON REGISTRATION
 UNDER NO. 8823-2

Products for Railroads and Industry



BEST DOCUMENT AVAILABLE

HABCO* 444
 (LIQUID WEED KILLER)

GENERAL INFORMATION

HABCO 444 is a liquid, non selective, persistent, general herbicide designed for use where control of all vegetation is desired. It is recommended for non-crop areas such as fence rows, parking lots, around buildings, loading ramps, storage yards, tank farms, along pipelines, industrial plant sites and other similar areas where grasses and weeds interfere with drainage, create a fire hazard or cause unsightly appearance.

DESCRIPTION OF PRODUCT

HABCO 444 liquid weed killer is composed of chlorinated phenols, 5-bromo-3-sec-butyl-6-methyluracil (bromacil) and a low volatile 2,4-D ester in a phytotoxic oil. The oil carrier combines the properties of low volatility with rapid penetration and translocation in the plant. The insolubility of the herbicide in water assures full effect regardless of rainfall after application or stage of growth at the time of application.

HABCO 444 liquid produces rapid top kill of all succulent vegetation. Translocation and root absorption of component herbicides produce extensive root kill of weeds and provide long term residual control.

RECOMMENDATIONS FOR USE

- For annual weeds and grasses such as crab grass, foxtail, barnyardgrass, lambsquarter and pigweed use 1 to 2 gals. per 1,000 sq. ft. (40 to 80 gals. per acre)

CAUTION: KEEP OUT OF REACH OF CHILDREN

- Perennial weeds and grasses such as smooth brome, quackgrass, Canada bluegrass, broom sedge, aster, dandelion, goldenrod, plantain, wild carrot and purpletop use 2 to 4 gals. per 1,000 sq. ft. (80 to 160 gals. per acre)
- For other hard-to-kill perennial weeds and grasses such as Johnsongrass, tallgrass, Bermudagrass, horsetail, bouncing bet and bracken fern use 3 to 5 gals. per 1,000 sq. ft. (120 to 200 gals. per acre).

HABCO 444 liquid may be applied at any time of the year except when the ground is frozen. Best results are obtained after predominant weeds have emerged and developed to a point where they present a problem. The product should be applied as is. No agitation or dilution is necessary and any equipment from sprinkler can to complicated sprayer may be used. Equipment should be calibrated so as to assure application of the recommended amount of material.

ACTIVE INGREDIENTS

Mixed aliphatic hydrocarbons	94.97%
2,4-Dichlorophenoxyacetic acid (isooctyl ester)	1.09%
Pentachlorophenol	0.80%
Other chlorophenols	0.09%
Bromacil (5-bromo-3-sec-butyl-6-methyluracil)	0.98%
INERT INGREDIENTS	2.07%
	100.00%

*2,4-D Reg. No. 2527-21
 USDA Reg. No. 2527-21

CAUTION

Do not apply HABCO 444 liquid to areas where the roots of desirable plants such as trees or ornamentals will come into contact with it as injury might result. Do not use on lawns, driveways, walks or similar areas. Avoid spray drift to susceptible plants as this product may injure cotton, beans, peas, ornamentals, etc. Do not contaminate domestic water or irrigation water and keep from contact with fertilizer, insecticides, fungicides and acids. Vapors from this product may injure susceptible plants in the immediate vicinity. Coarse sprays are especially likely to drift.

HABCO 444 is toxic to fish and wildlife. Keep out of lakes, streams, or ponds. APPLY HABCO 444 only as specified on this label.

Thoroughly clean spray equipment with a suitable chemical cleaner before using for other purposes.

HABCO 444 may cause skin irritation. Avoid contact with skin, eyes and clothing.

DO NOT allow spray drift. DO NOT wear saturated clothing. Harmful if swallowed.

In case of contact wash with soap and water. For eyes, flush with large amounts of water immediately and get medical attention.

HABCO 444 liquid weed killer when used according to directions will provide low cost, consistent and complete weed control for a season or more. Sprayed vegetation is no more flammable than untreated vegetation. By mowing or other means, the treated vegetation can be used for hay or other purposes. Be sure to clean the hose and avoid it in places that sprayed vegetation will be used by livestock.

DO NOT REUSE CONTAINER
 DESTROY WHEN EMPTY

CONDITIONS OF SALE

All statements concerning the use of this product apply only when used as directed. The manufacturer makes no warranties, expressed or implied, concerning the product or its use, which extend beyond the directions on the label. Read the directions carefully.

BEST DOCUMENT AVAILABLE