

1624-34

01/07/1963

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U. S. DEPARTMENT OF AGRICULTURE  
 AGRICULTURAL RESEARCH SERVICE  
 PLANT PEST CONTROL DIVISION

REGISTRATION NO. 59

1624-34

DATE OF ISSUANCE

January 7, 1963

NAME OF ECONOMIC POISON

**MONOBOR-CHLORATE GRANULAR D  
 WEED AND GRASS KILLER**

**NOTICE OF REGISTRATION UNDER THE FEDERAL  
 INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT**

IN ANY CORRESPONDENCE ON THIS PRODUCT ALWAYS REFER TO ABOVE  
 REGISTRATION NUMBER.

NAME AND ADDRESS OF REGISTRANT

U. S. Borax  
 P. O. Box 75128 Sanford Station  
 Los Angeles 5, California

On the basis of the information furnished by the registrant, the above named economic poison is hereby registered under Section 4 of the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted for registration is returned herewith.

Claims or directions for use which differ in substance from the representations made in connection with the application or changes in the name or formula of the economic poison covered by this notice should not be made prior to their submission to the Pesticides Regulation Branch and receipt of notice that they have been accepted.

Registration of a product is in no way to be construed as an endorsement or approval by this Department of any claims made for it. The labeling must not bear any reference to registration under this Act. In order to protect the public, the Secretary, on his own motion, may at any time cancel the registration of an economic poison and, in lieu thereof, issue a registration under protest, in accordance with Section 4(c) of the Act. *In no event shall registration of an article, whether or not protested, be construed as a defense for the commission of any offense prohibited under Section 3 of the Act.* The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by a trademark held by others.

A request for registration under a new formula or labeling may be submitted at any time.

Enclosure

BSC

*J. M. Howard*  
 Head, Registration Section  
 Pesticides Regulation Branch  
 Division

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BEST DOCUMENT AVAILABLE

20 MULE TEAM<sup>(R)</sup>

Net Wt. 50 Lbs.

MONOBOR-CHLORATE<sup>(R)</sup> Granular D

Weed and Grass Killer

Apply Dry or as Water Spray

U. S. PATENT NO. 3,032,405

NONSELECTIVE

For

General Vegetation and Perennial Grasses  
Where Long Residual Control of  
Seedlings is Desired

ACCEPTED  
JAN 7 1963  
UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTERED  
UNDER NO. 1624-34

Active Ingredients

Sodium Metaborate Tetrahydrate (Na <sub>2</sub> B <sub>2</sub> O <sub>4</sub> ·4H <sub>2</sub> O).....	66.50%
(Boron Trioxide (B <sub>2</sub> O <sub>3</sub> ) Equivalent.....	22.7%)
Sodium Chlorate (NaClO <sub>3</sub> ).....	30.00%
<i>Diuron</i> 3-(3,4-dichlorophenyl)-1,1-dimethylurea.....	1.25%
Inert Ingredients.....	2.25%

C A U T I O N

AVOID CONTAMINATION OF FEED AND FOODSTUFFS. DO NOT LEAVE CONTAINER WHERE CHILDREN OR ANIMALS MAY TAKE INTERNALLY. HARMFUL IF SWALLOWED. AVOID CONTACT WITH SKIN AND CLOTHING. DO NOT STORE IN DIRECT CONTACT WITH GROUND OR CONCRETE FLOORS.

I M P O R T A N T

See reverse side for use and other precautions

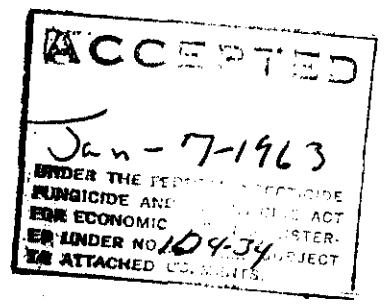
(Emblem)

U.S. BORAX

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MONOBOR-CHLORATE<sup>(R)</sup> Granular D  
A Granular Nonselective  
Weed Killer for Dry or Spray  
Application



MONOBOR-CHLORATE Granular D is specifically designed for quick knock-down and control of general mixed vegetation and such perennial grasses as Johnson grass, Dallis grass and reed grass (Phragmites) on noncropped land and industrial sites. MONOBOR-CHLORATE Granular D may provide season long control of seedlings on treated areas. Soil type, rainfall and length of growing season will influence the residual control of seedlings.

DIRECTIONS FOR USE

Application

For all uses, uniform application is essential.

MONOBOR-CHLORATE Granular D may be applied either as a dry granular material or as a water spray. Dissolve in water at rates up to 4 pounds per gallon. Both spray and dry applications become effective as soil treatments following rainfall or irrigation.

For DRY application, conventional herbicide spreaders may be used. The hand operated PCB Spreader is especially recommended for use where power equipment is not desired.

For spray application use equipment with mechanical agitation. Add up to 4 pounds MONOBOR-CHLORATE Granular D per gallon of water, depending on job requirements, to spray tank. Continue agitation until the herbicide is completely dissolved and during spraying operation. To minimize fire hazard due to dry vegetation, treatment while weeds are small is suggested.

GENERAL VEGETATION CONTROL

MONOBOR-CHLORATE Granular D will give quick knock-down of vegetation and residual control of broadleaved weeds and grasses on parking lots, fence lines, highway and railroad sites, storage yards and other similar areas. For spray applications, add 1/2 to 2 pounds of MONOBOR-CHLORATE Granular D to sufficient water to cover 100 square feet and apply as a contact spray thoroughly wetting all parts of the plants, particularly the growing tips - 1/2 to 1 gallon per 100 square feet is usually adequate for young growth up to 6 inches high. The higher rates may be necessary to insure thorough coverage of heavy vegetation or to provide extended residual control. For DRY granular treatment, apply 1/2 to 2 pounds per 100 square feet. The lighter rates should be used only at time of weed emergence on moist soil or when precipitation is anticipated while weeds are still young. Persistent perennial weeds are most effectively treated when nearing maturity or during dormant stages in the fall. Spring applications may also be made under moderate rainfall conditions. Summer applications are recommended only where rainfall is dependable for leaching the herbicide into

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MONOBOR-CHLORATE Granular D

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FEDERAL INSECTICIDE  
HERBICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTERED  
ED UNDER NO. 10285  
TO ATTACHED COMMENTS

## GENERAL VEGETATION CONTROL Continued:

the soil. Apply 2 to 4 pounds per 100 square feet in the dry granular form or as a spray. On deep-rooted perennials such as bindweed, Canada thistle, Bermuda grass and quack grass the heavier rates may be required.

## JOHNSON GRASS CONTROL

MONOBOR-CHLORATE Granular D is particularly effective on deep-rooted perennial grasses such as Johnson grass and Dallis grass on industrial sites, road sides, fence lines and storage yards. Apply dry at 1 to 3 pounds per 100 square feet or add 1 to 3 pounds to 1 or 2 gallons of water to adequately cover 100 square feet. Maximum efficiency on Johnson grass is obtained by treating after heading to late fall.

## IMPORTANT

This material is not selective in action and may be toxic to all types of vegetation and may render the entire treated area totally or partially unproductive for one or more years. Care should be taken to confine the use or application to the particular area intended to be treated and to avoid its contact with lawns, trees, shrubs, crops and other desirable plants which are not intended to be destroyed or injured. This includes precautions in treating areas which may be underlaid by roots of adjacent valuable growths. Careless application of this material, or washing by water run-off, to areas where desirable plants are growing or which will be used for later planting may result in injury to desirable plants. Do not drain or flush equipment on or near such areas.

Do not contaminate domestic or irrigation water. Wash clothing and equipment after application. Keep animals off treated areas until rainfall has leached the herbicide into the soil. Mechanical equipment should be thoroughly cleaned after use.

## NOTICE

No responsibility is assumed by manufacturer or seller for unproductivity of the soil, injury to plant life or other results of the use of this material whether or not used or applied in accordance with directions.

Because of the many varying conditions affecting use and application, such as location, seasonal weather, soil composition and type of vegetation, manufacturer makes no representation or warranty with respect to results or effects of such use whether or not used or applied in accordance with directions herein contained. Neither manufacturer nor seller makes, and their employees and agents are not permitted to make, any representations or warranties, express or implied by law, not specifically set forth on the label. Complete elimination of weeds is not guaranteed. The buyer accepts this material subject to these terms and assumes all risk of usage and handling. It is advisable to consult agricultural authorities or our field representatives on specific problems.

UNITED STATES BORAX & CHEMICAL CORPORATION  
Los Angeles New York