

1624-34

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U. S. Patent No. 3,032,405

20 MULE TEAM®

**MONOBOR-CHLORATE®**

**Granular**

**—D—**

BEST DOCUMENT AVAILABLE

**WEED & GRASS**

**KILLER**

ACCEPTED

DEC 15 1964

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1624-34  
**NONSELECTIVE WEED AND GRASS KILLER** 4/6A

**APPLY DRY OR AS WATER SPRAY  
FOR GENERAL VEGETATION AND PERENNIAL GRASSES  
WHERE LONG RESIDUAL CONTROL OF SEEDLINGS IS DESIRED**

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%
Diuron [3-(3,4-dichlorophenyl)-1,1-dimethylurea] . . . . .	1.25%
INERT INGREDIENTS . . . . .	2.25%

**CAUTION**

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.

**IMPORTANT**

See Reverse Side for Directions for Use and Other Precautions.

**U.S. BORAX**  
LOS ANGELES • NEW YORK

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APPROXIMATE TYPE SIZE

USDA REG. NO. 1624-34 ----- 5/32" type

CAUTION ----- 1/4" bold face cap.

KEEP OUT OF REACH OF CHILDREN ----- 3/16" bold face cap.

Do not leave container where children or animals may -- 1/8" lower case  
take internally. Harmful if swallowed. Avoid contact  
with skin and clothing. Avoid contamination of feed  
and foodstuffs. Do not store in direct contact with  
ground or concrete floors.

signed 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 recommended.

## 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 ½ 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—½ 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 ½ 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 the soil. Apply 2 to 4 pounds per 100 square feet in the dry granular form or as a spray. On deep-rooted

grass and quick 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**

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FREIGHT SHIPPING BAG  
Meeting requirements of  
APPLICABLE FREIGHT CLASSIFICATION  
Guaranteed by ST. REGIS PAPER CO.

WT 3-53 13<sup>1</sup>/<sub>2</sub> X 18<sup>1</sup>/<sub>2</sub> C-150

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*Gold Star*