

Dynamyte 5

Dinitro Weed Killer

For Controlling Annual Weeds
and Grasses, Top Kill of
Herbaceous Weeds and Grasses

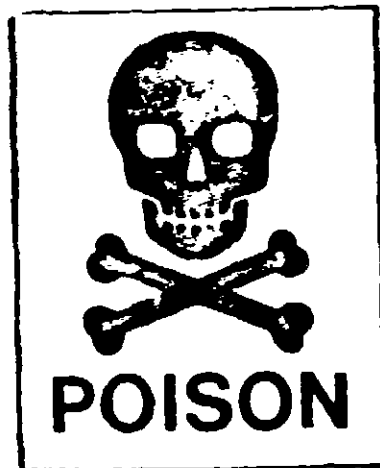
ACTIVE INGREDIENTS:

4,6-dinitro-o-sec-butylphenol 54.4%

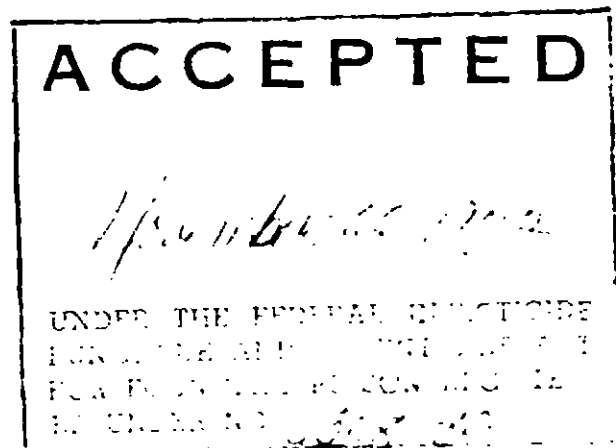
INERT INGREDIENTS: 45.6%

Product contains 5.0 lbs. of 4,6-dinitro-o-sec-butylphenol per gallon.

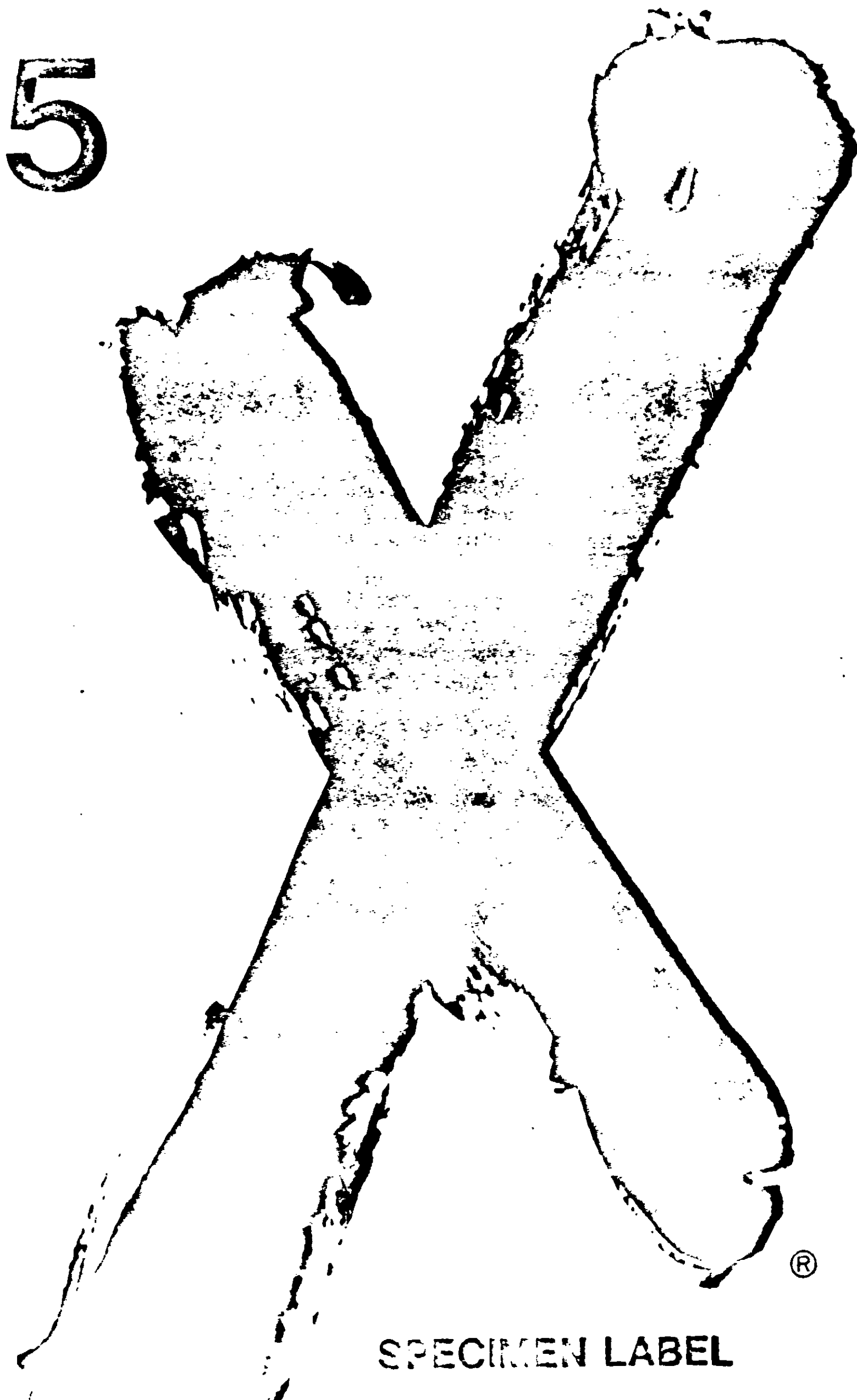
DANGER:
Keep out of the reach
of children



See antidote statement and
other precautions on back panel



THE ANSUL COMPANY,
MARINETTE, WISCONSIN 54143



SPECIMEN LABEL

DANGER: May be fatal if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Do not wear contaminated clothing. Do not use or store near food or feed products.

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

Toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Do not apply when weather conditions favor drift from areas treated. Keep out of any body of water. Do not contaminate water by cleaning of equipment or disposal of waste.

CONTAINER DISPOSAL: Rinse equipment and containers and dispose of waste by burying in non-crop lands away from water supplies. Containers should be disposed of by punching holes in them and burying with wastes.

Do not re-use empty container. Decontaminate by washing thoroughly with detergent-ammonia solution, then destroy container. Discard rinse solution away from water supplies.

SYMPTOMS OF POISONING: Excessive fatigue, sweating, thirst and fever. If symptoms of poisoning develop from any type of exposure, SEND FOR A PHYSICIAN.

FIRST AID: Have patient lie quiet in coolest spot available. If feverish, cool with cold compresses or by immersion in cool water.

ANTIDOTE: If swallowed, SEND FOR A PHYSICIAN. Induce vomiting by giving an emetic such as 2 tablespoons of table salt in a glass of warm water. Repeat until vomit fluid is clear, then give 2 teaspoons of baking soda in a glass of water. Treat as in FIRST AID, above.

IF SPLASHED IN EYES, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

IF SPILLED ON SKIN, immediately remove contaminated clothing, INCLUDING SHOES, and wash skin with soap and plenty of water. If symptoms of poisoning develop, send for a physician and treat as in FIRST AID above. Discard contaminated clothing and shoes, or clean them thoroughly before re-use. Staining may result if contaminated articles are allowed to contact carpets, upholstery, etc.

NOTE TO ATTENDING PHYSICIAN: Active ingredient is a metabolic stimulant. Treat symptomatically.

STORAGE (Important): Do not store at temperatures below 20°F. If stored for extended periods below 20°F, bring the contents of the container up to 32°F, and agitate by rolling.

WARRANTY - CONDITION OF SALE:

DIRECTIONS FOR USE of this product are based on field use and tests believed reliable and should be followed carefully. It is however impossible to eliminate all risks associated with use of this pro-

duct. Because such factors as weather conditions, foreign material and manner of use for application are all beyond the control of The Ansul Company or the Seller of this product, such things as crop injury, ineffectiveness or other unintended consequences may result. ALL SUCH RISKS ARE ASSUMED BY THE BUYER.

Ansul warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use as modified by the above. Ansul makes no other warranties, express or implied, including FITNESS or MERCHANTABILITY. In no case shall Ansul or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. The foregoing is a condition of sale by The Ansul Company and is accepted as such by the Buyer.

GENERAL INFORMATION: DYNAMYTE 5 Dinitro Weed Killer when used with the proper amounts of oil and water controls most annual weeds, grasses and top growth of herbaceous perennial weeds and grasses. It may also be used for pre-harvest application (harvest aid) on potatoes and various seed crops such as legumes and soybeans to remove excessive foliage.

DYNAMYTE 5 Dinitro Weed Killer may also be used for weed control in such non-crop areas as airfields, walks, fence lines, roadsides, driveways, storage yards, pole yards, tank farms, railroad yards and switches as well as around industrial establishments.

The lower application rates will satisfactorily control small annual grasses and weeds (crabgrass, foxtail, barnyardgrass, pigweed, lambsquarter, mustard and sorrel) while the higher application rates will be required to control coarse and resistant grasses and weeds (wildoats, chickweed, mayweed, mallow, pineapple weed, wild carrot and fennels).

DYNAMYTE 5 Dinitro Weed Killer is a contact herbicide to control annual weed pests but retreatment will be required for perennials and any regrowth that should occur. Use enough spray material to wet all vegetation to be controlled. DYNAMYTE 5 Dinitro Weed Killer is a contact herbicide which inhibits plant respiration and coagulates plant proteins. It will not translocate.

MIXING INSTRUCTIONS: All "oil-water sprays" must be pre-mixed in separate containers. Mix required amounts of DYNAMYTE 5 Dinitro Weed Killer and oil. Fill spray tank $\frac{1}{4}$ full of water and start agitation (vigorous) and add pre-mixed DYNAMYTE 5 Dinitro Weed Killer and oil solution. Continue agitation during application to maintain a uniform spray solution.

"Oil Sprays" be sure to drain all water from spray tank, hose lines and pumps. Small amounts of water will result in a gel-like emulsion and could ruin the spray solution. Add a small amount of

oil into tank, circulate through the pump, hose, nozzles and discard to insure water-free spray mix. Add desired amount of oil to spray tank. Start agitation (moderate) and add proper amount of DYNAMYTE 5 Dinitro Weed Killer. Continue agitation during application for a uniform spray mix.

USE DIRECTIONS:

GENERAL WEED CONTROL: Pre-mix 2 to 3 pints of DYNAMYTE 5 Dinitro Weed Killer in 5 to 30 gallons of oil. Make up to 100 gallons with water. Spray weedy growth thoroughly.

PRE-EMERGENCE: DYNAMYTE 5 Dinitro Weed Killer may be used to control small weeds that emerge before certain crops. Where practical, fitting (disking) the land several days before planting will result in more weeds being up at time of application. On land planted to large seeded crops - beans, corn, cucurbits, potatoes and gladiolus, spray at least one day before emergence of the crop. Use $\frac{1}{2}$ pints of DYNAMYTE 5 Dinitro Weed Killer mixed with 2 gallons of oil and 30 gallons of water. Apply as a fine spray to insure complete wetting of the weeds.

GRAPES AND BUSH FRUITS: Apply DYNAMYTE 5 Dinitro Weed Killer spray when weeds are growing well, but before they are 6 inches high. On Grapes, applications can be made up to 3 or 4 weeks after bloom. For use in the spring before bloom or after harvest use 2 to 3 pints of DYNAMYTE 5 Dinitro Weed Killer in 10 to 20 gallons of oil and add enough water to make 100 gallons of spray. For treatment during bloom and up to 3 or 4 weeks after bloom use 2 pints DYNAMYTE 5 Dinitro Weed Killer per 100 gallons of spray. Use up to 150 gallons per acre to insure good weed coverage making sure to apply as a directed spray. Avoid spraying grape foliage, blooms or fruiting clusters. It may be desirable to limit treatment to a 1 or 2 foot band directly under trellis where weed problems are most severe and mechanical cultivation is difficult. For such band treatment, reduce application rate proportionately. Repeat if regrowth appears, but limit applications to 2 during a single season. On Bush Fruits (blackberries, blueberries, currants, gooseberries and raspberries) use 2 to 3 pints of DYNAMYTE 5 Dinitro Weed Killer in 10 to 20 gallons of oil and add enough water to make 100 gallons of spray. Apply 125 to 150 gallons per acre after harvest or in spring before bloom. Use a directed spray do not treat young canes desired for permanent plants. Make 1 or 2 applications as needed. DYNAMYTE 5 Dinitro Weed Killer can be used in combination with certain other herbicides.

ALFALFA: Apply to established stands during dormant season to control winter annuals or shortly immediately following first cutting, but before regrowth starts for control of dodder and summer annuals. Mix 2 to 3 pints DYNAMYTE 5 Dinitro

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TO ATTACHED DOCUMENT

Weed Killer in 10 to 50 gallons of oil and add enough water to make 100 gallons of spray. Spray mixture thoroughly wetting all weed foliage, using approximately 100 gallons per acre. Use the high spray rate and higher oil rate where grassy weeds are the major problem. **Do not feed treated foliage to livestock or graze treated areas.**

SEED CROPS (Alfalfa, Trefoil, Peas and Soybeans)

Pre-harvest aid to facilitate seed crop harvesting: Apply 3 to 6 days before harvest. For aircraft application, use 2 to 3 pints DYNAMYTE 5 Dinitro Weed Killer in 4 to 10 gallons of diesel or fuel oil per acre. For ground application, use 2 to 3 pints DYNAMYTE 5 Dinitro Weed Killer with 8 to 15 gallons of oil for low volume sprayers or with 5 to 15 gallons of oil plus 25 to 40 gallons of water for high volume sprayers. The higher rates and volumes are suggested for use during cool, cloudy weather and under heavy foliage conditions. **Do not feed treated foliage to livestock or graze treated areas.**

POTATO VINE KILLING (Pre-harvest Aid): Spray 10 to 20 days before harvest. Spray volume and concentration per acre are determined by the variety and vigor of the vines, degree of kill desired and weather conditions at the time of application. Use the higher rates during cool, cloudy weather or under heavy foliage conditions. Low volume air or ground sprayers use 2 to 3 pints of DYNAMYTE 5 Dinitro Weed Killer in 5 to 10 gallons of diesel

or fuel oil per acre. For medium volume sprayers, use 2 to 4 pints of DYNAMYTE 5 Dinitro Weed Killer per acre in 5 gallons of fuel oil. Use nozzles that give coverage to all parts of the plant. **Note.** Browning of the vascular ring of potato tubers sometimes occurs after the use of vine killers. Do not spray exposed tubers. **Do not graze treated areas.**

GROUND COVER (Directed Spray): For Citrus, Date and Nut Groves including almonds, filberts, pecans and walnuts, Deciduous Fruit Orchards, including apples, pears, peaches, cherries, apricots, plums and prunes, Drainage Ditchbanks; mix 2 to 3 pints of DYNAMYTE 5 Dinitro Weed Killer in 10 to 25 gallons of diesel or fuel oil and enough water to make 100 gallons of spray. Apply as a coarse spray and thoroughly cover all unwanted foliage. On crop areas, **DO NOT APPLY** more than 100 gallons of the completed spray per acre. Destroy any contaminated fruit. Do not spray young tree stock as girdling may occur. Avoid getting any spray material on the fruit.

Do not contaminate irrigation or domestic waters. Do not allow livestock to graze treated areas.

DOWNY MILDEW ON HOPS (Control of Basal Spike Phase): Control is obtained by killing diseased basal parts of the vines, this aids in controlling further fungus spread. Use 1 quart of DYNAMYTE 5 Dinitro Weed Killer with 5 gallons of diesel or fuel oil in enough water to make 100

gallons of finished spray. Continuous agitation is needed during both the mixing and application periods. Make the first application on the ground and the lower 2 feet of the vines, making sure the plant has reached the height of 8 feet. Use 50 gallons per acre, repeat as needed, but **DO NOT** use more than 4 applications per season. When the vines have reached $\frac{3}{4}$ of the trellis height the lower (base) 4 feet of vine should be sprayed. This will materially control weeds in trellis areas. The application rate will have to be increased proportionately to obtain control. **Do not spray entire vine. Do not apply to young replants in mature plantings, and do not use in plantings "nursery". Do not apply within 14 days of harvest.**

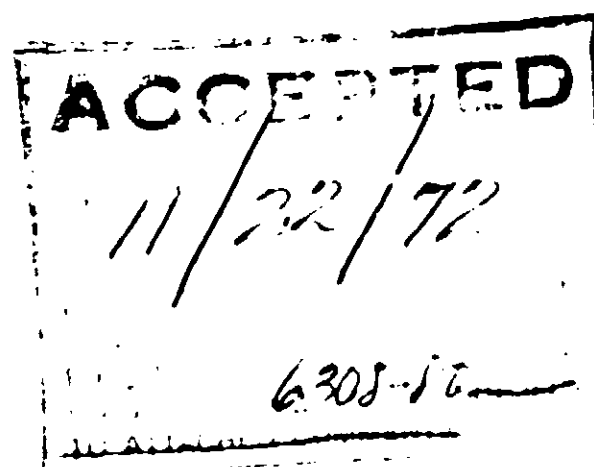
DYNAMYTE 5 Dinitro Weed Killer is manufactured by the Eagle River Chemical Corp., a subsidiary of The Ansul Company, Marinette, Wisconsin 54143.

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EPA Reg. No. 6308-80

Net Contents

Form No.



Dynamyte 5

Data Sheet

Dinitro Weed Killer

PHYSICAL PROPERTIES

Appearance	Dark Liquid
Density, g./ml.	1.102
Net Weight, lbs. per gallon	9.19
pH	3.2
Freezing Point	Below 15°F.
Flash Point (approximate)	129°F.

HANDLING

DYNAMYTE 5 Dinitro Weed Killer is considered to be a toxic material and carries an ICC Class B Poison label. Do not get in eyes, on skin, or on clothing. Do not breathe spray mist. Do not use or store near food or feed products.

See additional warning statements on label. Note to Physician: The active ingredient is a metabolic stimulant. Treat symptomatically.

USES

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See label for specific uses and applications.

