

ACCEPTED

SEP 18 1968

A M S

AMMONIUM SULFAMATE  
WEED & BRUSH KILLER

WATER-SOLUBLE, NON-VOLATILE, NON-INFLAMMABLE

Active Ingredient: Ammonium sulfamate 75 %  
Inert Ingredients: 25 %

USDA Reg. No.

Net

CAUTION: Avoid prolonged contact of skin with strong solutions (18 point type) of this material. In case of contact, wash off with plenty of water.

Keep from children (12 point type)

Hoechst AMS Ammonium Sulfate weed and brush killer is very effective for controlling unwanted woody plants and as a contact spray for killing other weeds and grasses. Heavy applications may cause temporary soil sterility. This condition usually disappears in the "over-winter" period. Some species of woody plants and perennial weeds are difficult to control and may have to be retreated if regrowth occurs.

IMPORTANT:

AMS ammonium sulfate is non-selective; do not apply to, or drain or flush equipment on desirable plants or vegetation as injury to or loss of these plants may result. Do not drain or flush equipment near domestic waters.

Wash sprayer thoroughly after use to remove all AMS and reduce corrosion. Corrosion is reduced or minimized if AMS is used as an oil-water emulsion. For maximum protection, commercial equipment should be coated with a protective base (i.e., asphaltic) paint; or thoroughly washed inside and out at the end of each day's spraying. A protective coating of oil should be applied each week or as often as practicable. When equipment is down for weekend, wash exterior and coat with oil; for end-of-season storage, wash inside and out and coat with oil.

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DIRECTIONS

BRUSH CONTROL: Right of ways, roadsides, drainage ditches, rangelands, pastures: AMS is highly effective for killing most woody plants including: hardwood and conifers such as: alder, ash, birch, cedar, elm, gum, hickory, maple, oak, pine and willow. Applications may be made as a foliage spray; by drill, notch or cup method; or as stump treatment.

FOLIAGE SPRAY: Apply as water solution or oil-water emulsion, to brush any time after full leaf stage and before leaves begin to discolor, preferably during periods of high temperature and high humidity. Apply as a full coverage spray to leaves, branches and base of brush; thorough coverage is necessary for best results. In tall dense brush, it is often necessary to spray from two sides. Spraying away from crops planted close to right of ways will help prevent getting spray on crops; coarse or larger droplet sprays are less likely to drift onto desirable plants or crop areas.

Amount to use per 100 gallons of spray.

Water solution: 60 lbs. with hydraulic equipment; 100 to 400 lbs. with air-blast equipment. To improve effectiveness, a wetting agent can be added.

Oil-Water emulsion: 50 lbs. with hydraulic equipment, 100-200 lbs. with air-blast equipment. Make a premix using 1-2 pints of emulsifier in 4 gals. of number 2 fuel oil prepared in a water free container. Fill spray tank 1/4 full of water, start agitator; add AMS; add premix, add proper amount of water to make up 100 gallons.

STUMP TREATMENT: Treat stumps as soon after cutting as possible. Sprinkle crystals of Hoechst AMS Ammonium Sulfamate liberally on freshly cut stump surface or spray stump thoroughly with solution of 7-10 lbs. in 2 gals. water; be sure to wet outer growth ring. Treated stumps can be marked by adding a water soluble wood dye. Stumps under 4 inches are best treated by the crystal method.

CONTROL OF UNDESIRABLE HARDWOOD TREES; such as blackjack oak, sweetgum, poplar, persimmon, maple, ash, red oak, post oak, and hickory, treat any time of year:

Drill method: Make a continuous cut completely around tree with downward cutting strokes, cutting well into the sapwood. Saturate this cut or drilled area with a solution made with 7-10 lbs. AMS in 10 gals. water. To identify treated trees, a water soluble wood dye can be used.

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Notch or Cup method: Make a notch or cup with two downward arc strokes, one above the other, flying out chip. Notch should be on main trunk as close to the ground as possible and on any visible main roots. On trees 3-6 inches in diameter cut 2 notches; on larger trees, space notches every 4-6 inches around tree circumference. Apply 1/2 oz. Hoechst AMS Ammonium Sulfamate in each notch. For trees under 3 inches at close to ground and use stump treatment.

WEED & GRASS CONTROL

Tennis courts, parking areas, driveways, fencerows, industrial areas. Hoechst AMS Ammonium Sulfamate as a water spray or oil water-emulsion is an effective contact control for woody perennials such as: poison ivy, poison oak and poison sumac; perennials such as: leafy spurge, bitter dock, golden rod, ragweed, milkweed, chickweed, cocklebur, jimson weed, lambs quarters, larkspur, prickly lettuce, ragweed and shepherds-purse. Use 100 lbs. per 100 gals. water or oil-water emulsion prepared as under brush control above. Thoroughly spray all parts of weeds. Degree and length of control will vary with species and environmental conditions.

Follow directions carefully. Timing and method of application, weather and plant conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith or with established safe practice.

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270 Sheffield Street  
Mountainside, New Jersey

