

EMULSAMINE 2,4,5-T

Contains the Oil Soluble Amine of 2,4,5-T
Control Woody Plants on highways and
utility rights-of-way

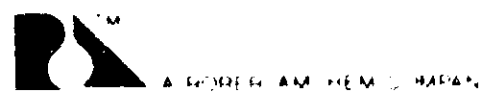
CAUTION KEEP OUT OF REACH OF CHILDREN.
See other cautions on right panel.

ACTIVE INGREDIENTS:

*Dodecyl amine salts of 2,4,5-trichlorophenoxyacetic acid 47.5%
*Tetradecyl amine salts of 2,4,5-trichlorophenoxyacetic acid 11.9%

INERT INGREDIENTS: 40.6%

*Total 2,4,5-trichlorophenoxyacetic acid equivalent 34.0% by weight or 3 pounds per gallon.



AMCHEM PRODUCTS, INC.

First Name in Herbicide Research
AMBLER PA ■ Clinton Iowa ■ St. Joseph Mo ■ Fremont Calif

EPA Reg. No. 264-161ZB

EPA Est. 264 PA-1

DIRECTIONS

FOLIAGE STEM SPRAY

For general brush control on highways and rights-of-way, spray both foliage and stems of all plants from the time foliage is fully developed until plants begin to go dormant. For effective control, all leaves, stems and suckers must be thoroughly wet to ground line.

Add 1-1/3 gallons of EMULSAMINE 2,4,5-T to 100 gallons (1/3 pint in 3 gallons) of water. Mix thoroughly before spraying.

For larkspur control, apply 2/3 gallon of EMULSAMINE 2,4,5-T in 20 gallons of water, spraying plants to wet. Spray when larkspur is 6 to 12 inches tall and before flower buds have developed. For complete control, a repeat spray at the same rate may be needed the second year.

MODIFIED BASAL SPRAY

Drench the base of brush, then wet remaining stems and leaves to run-off, spraying the lower 4/5 of the brush from bottom up. This method may be used where susceptible species have been killed by prior sprays and resistant species such as maple, oak and ash remain. Treat when brush is in full foliage.

Early season spraying: Mix 1-1/3 to 2 gallons of EMULSAMINE 2,4,5-T to 10 gallons of oil. Then add this mixture to 89 gallons of water with constant agitation.

Dry weather or later season spraying: Mix 2 gallons of EMULSAMINE 2,4,5-T in 15 gallons of oil. Then add this mixture to 83 gallons of water with constant agitation. Stir thoroughly before spraying, particularly if the material is allowed to stand for more than an hour after mixing.

AERIAL APPLICATION

For aerial application to brush along utility rights-of-way apply 3 to 4 gallons of EMULSAMINE 2,4,5-T in 12 to 15 gallons of water per acre using the MICROFOIL® or other suitable low drift equipment. One gallon of fuel oil may be included in the mixture.

For aerial application to solid stands of brush in California use 2-4 quarts of EMULSAMINE 2,4,5-T in 3-12 gallons volume per acre. 2-4 quarts of fuel oil may be included in this mixture.

BASAL BARK SPRAY

This method can be used at any time of year.

Wet the base of all stems until spray puddles on all sides and collects around the root collar at ground line. Use low pressure with either knapsack or power equipment. The nozzle should produce a narrow spray pattern approaching a solid stream. Keep the nozzle close to the stems and near their base.

Mix 4 to 5 gallons of EMULSAMINE 2,4,5-T in 100 gallons (1 pint in 3 gallons) of oil. Use the higher rate when brush is not growing actively. Old or rough bark generally requires more spray than young or smooth bark.

STUMP TREATMENT

This method can be used any time of year, but is most effective when applied as soon as possible after trees are cut.

Wet the base, cut surface, and exposed roots of all stumps until spray puddles and collects around the root collar at ground line. Spray is most effective and economical on stumps 3 to 4 inches and larger.

Mix 4 to 5 gallons of EMULSAMINE 2,4,5-T in 100 gallons (1 pint in 3 gallons) of oil. Apply with a low pressure knapsack or power sprayer, using a solid cone nozzle of medium orifice. Old or rough bark requires more spray than young or smooth bark.

DORMANT CANE BROADCAST

Treat any time brush is dormant and leaves have dropped.

Concentrate spray at the base of stems, then spray the upper parts of stems enough to wet them. For root suckering species such as locust, sumac and sassafras, also spray all the ground within the drip line of these trees to control small root suckers that may be covered by the leaf litter.

Mix 2 gallons of EMULSAMINE 2,4,5-T in 100 gallons (1/2 pint in 3 gallons) of oil. Use about 150 gallons of this mixture per acre of dense brush 4 to 6 feet high.

EMULSAMINE 2,4,5-T

GENERAL INFORMATION

EMULSAMINE 2,4,5-T combines the effectiveness on brush of ester formulations with the safety from volatility of amine formulations. Especially useful in areas of high summer temperatures.

EMULSAMINE 2,4,5-T emulsifies in water, mixes in oil, and can be used in oil-water sprays.

EMULSAMINE 2,4,5-T is not recommended for selective weed control in crops.

Among the types of brush controlled are:

ALDER	LARKSPUR
ASH	RED MAPLE
BIG LEAF MAPLE	RED OAK
BLACK CHERRY	SALMONBERRY
BLACK GUM	SWEET GUM
BRAMBLES	TULIP POPLAR
COTTONWOOD	VINE MAPLE
DOGWOOD	WHITE OAK
ELM	WILLOW
HICKORY	

MIXING SPRAYS:

Add one-half the required amount of water or oil to the spray tank, then add this product with agitation and finally the balance of water or oil with continued agitation. If this material is to be used in straight oil, do not let water get into the finished mixture. When diluting, the material must be mixed thoroughly before using. If the material is allowed to stand for any length of time after dilution, it should be stirred again before using.

CAUTION

Harmful if swallowed. Avoid contact with skin, eyes, or clothing. In case of eye contact, flush with water for at least 15 minutes. In case of skin contact wash with soap and plenty of water. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARD

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not contaminate irrigation ditches or water used for irrigation or domestic purposes. Do not apply when weather conditions favor drift from treated areas. Do not use in a greenhouse. Do not use same spray equipment for other purposes. Do not use around the home, in parks or recreation areas. Do not graze dairy animals on treated areas within 6 weeks after application. Do not graze meat animals on treated areas within 2 weeks of slaughter.

PROTECTION STATEMENTS

Do not apply EMULSAMINE 2,4,5-T directly to, or otherwise permit it to come in contact with cotton, okra, grapes, tomatoes, fruit trees, vegetables, flowers or other desirable crop or ornamental plants which are susceptible to 2,4,5-T herbicide. Do not permit spray mist to drift onto susceptible plants since very small quantities of the 2,4,5-T can cause severe injury during the growing or dormant periods.

Drift from aerial application may be reduced by: (1) applying as near to the target as possible in order to obtain coverage; (2) by applying 3 or more gallons of spray per acre; (3) by using 20 pounds pressure or less at the nozzle tips; (4) by using nozzles which produce a coarse spray pattern; (5) by spraying only when the wind velocity is less than 5 miles per hour; and (6) by spraying when there is no possibility for a temperature inversion at time of spraying.

Use coarse sprays to minimize drift. Do not apply with hollow cone-type insecticide or other nozzles that produce fine spray droplets. Drift from ground application may be reduced by: (1) keeping the spray boom as near to the target as possible in order to obtain complete coverage; (2) by applying 10 gallons or more of spray per acre; (3) by using no more than 20 pounds of pressure at the nozzle tips; and (4) by not spraying when the wind exceeds 5 miles per hour.

Applications by aircraft, ground rig and hand sprayers should be carried out only when there is no hazard from spray drift. Do not apply near cotton, grapes, tomatoes or near desirable 2,4,5-T susceptible crop or ornamental vegetation.

EMULSAMINE 2,4,5-T

GENERAL INFORMATION

EMULSAMINE 2,4,5-T combines the effectiveness of brush of ester formulations with the safety from volatility of amine formulations. Especially useful in areas of high summer temperatures.

EMULSAMINE 2,4,5-T emulsifies in water, mixes in oil, and can be used in oil-water sprays.

EMULSAMINE 2,4,5-T is not recommended for selective weed control in crops.

Among the types of brush controlled are:

ALDER	LARKSPUR
ASH	RED MAPLE
BIG LEAF MAPLE	RED OAK
BLACK CHERRY	SALMONBERRY
BLACK GUM	SWEET GUM
BRAMBLES	TULIP POPLAR
COTTONWOOD	VINE MAPLE
DOGWOOD	WHITE OAK
ELM	WILLOW
HICKORY	

MIXING SPRAYS:

Add one-half the required amount of water or oil to the spray tank, then add this product with agitation and finally the balance of water or oil with continued agitation. If this material is to be used in straight oil, do not let water get into the finished mixture. When diluting, the material must be mixed thoroughly before using. If the material is allowed to stand for any length of time after dilution, it should be stirred again before using.

CAUTION

Harmful if swallowed. Avoid contact with skin, eyes, or clothing. In case of eye contact, flush with water for at least 15 minutes. In case of skin contact wash with soap and plenty of water. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARD

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not contaminate irrigation ditches or water used for irrigation or domestic purposes. Do not apply when weather conditions favor drift from treated areas. Do not use in a greenhouse. Do not use same spray equipment for other purposes. Do not use around the home, in parks or recreation areas. Do not graze dairy animals on treated areas within 6 weeks after application. Do not graze meat animals on treated areas within 2 weeks of slaughter.

PROTECTION STATEMENTS

Do not apply EMULSAMINE 2,4,5-T directly to, or otherwise permit it to come in contact with cotton, okra, grapes, tomatoes, fruit trees, vegetables, flowers or other desirable crop or ornamental plants which are susceptible to 2,4,5-T herbicide. Do not permit spray mist to drift onto susceptible plants since very small quantities of the 2,4,5-T can cause severe injury during the growing or dormant periods.

Drift from aerial application may be reduced by: (1) applying as near to the target as possible in order to obtain coverage; (2) by applying 3 or more gallons of spray per acre; (3) by using 20 pounds pressure or less at the nozzle tips; (4) by using nozzles which produce a coarse spray pattern; (5) by spraying only when the wind velocity is less than 5 miles per hour; and (6) by spraying when there is no possibility for a temperature inversion at time of spraying.

Use coarse sprays to minimize drift. Do not apply with hollow cone-type insecticide or other nozzles that produce fine spray droplets. Drift from ground application may be reduced by: (1) keeping the spray boom as near to the target as possible in order to obtain complete coverage; (2) by applying 10 gallons or more of spray per acre; (3) by using no more than 20 pounds of pressure at the nozzle tips; and (4) by not spraying when the wind exceeds 5 miles per hour.

Applications by aircraft, ground rig and hand sprayers should be carried out only when there is no hazard from spray drift. Do not apply near cotton grapes, tomatoes or near desirable 2,4,5-T susceptible crop or ornamental vegetation.

STORAGE AND DISPOSAL STATEMENTS

Do not store near fertilizers, seeds insecticides or fungicides. Do not reuse containers. Dispose empty containers by puncturing and burying, in non-cropland, away from water supplies, and follow official federal and local recommendations for container disposal. Do not burn.

Local conditions may affect the use of herbicides. Consult your State Agriculture Experiment Station, Farm Advisors, or Extension Weed Specialists for advice in selecting treatment from this label to best fit local conditions.

Be sure that use of this product conforms to all applicable laws, rules and regulations. Certain states have restrictions pertaining to application distances from susceptible crops. The applicator should become familiar with these laws, rules or regulations and follow them exactly. Apply this product only as specified on this label.

WARRANTY

Amchem warrants that composition of this product conforms to the chemical description given in the ingredient statement and the product is suited for the purposes described when used according to directions. Because of the broad range of conditions which may be encountered with the use of this product, it is impossible to eliminate all risks, even though label directions are followed. Amchem therefore makes no other express or implied warranty, and no agent of Amchem is authorized to do so. Buyer agrees in purchasing this product to assume the risks and in the event of damages arising from a breach of the warranty to accept refund of the purchase price of the product as full discharge of Amchem's liability.