

Formula-444 is a non-selective weed killer for destroying undesirable vegetation. It is recommended that this product be used on bare ground or limited to small enclosed industrial areas, such as tank farms, lumber yards, substations, driveways, parking lots and fence areas. This product is excellent for use in the enclosed areas around tombstones and buildings so that trimming can be eliminated. Formula-444 mixes readily with cold water to form a non-explosive and non-flammable solution that is useful to retard grass growth when grass fires may be a hazard and the risk of animal or wildlife poisoning is not a problem.

DILUTION RECOMMENDATIONS

Weed and Grass Control: Mix 1 pint of Formula-444 with 5 gallons of water and apply to cover 1000 square feet. This temporarily will "kill down" the above ground portions of vegetation. This dilution is recommended for the use in small enclosed areas such as tank farms, lumber yards, tombstones. This described dosage is equivalent to 5 1/2 gallons of concentrate (22 pounds of arsenic trioxide) per acre.

SOIL TREATMENT: To treat soil areas that will be paved after treatment, mix one gallon of concentrate with 5 gallons of water and apply to 2500 square feet. Treated soil should not be cultivated or disturbed after treatment. Treatment usually retards all plant growth for an extended period, depending upon rate of leaching from soil root zone.

Any use of Concentrated Formula-444 in excess of 12 gallons per acre is restricted to areas that will be paved after treatment.

Do not apply to areas underlaid by roots of desirable trees and shrubs.

Formula-444 WEED KILLER

Contains 4 Pounds of Arsenic Trioxide (As₂O₃)
Equivalent Per Gallon

NON-SELECTIVE CONCENTRATE

Recommended for control of undesirable grass,
weed and other vegetation.

ACTIVE INGREDIENTS

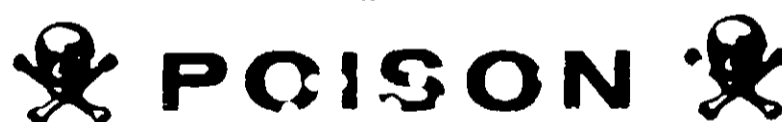
Sodium Arsenite (2NaH₂AsO₃ • H₃AsO₃) 45.4%

INERT INGREDIENTS

45.6%

Total Arsenic, expressed as metallic,
all in water-soluble form 24.2%

USDA Reg. No. 1685-26



FOR INDUSTRIAL USE ONLY

DANGER: Keep out of reach of children.

See Antidote and Other Warnings on Other Panel.

The **State** CHEMICAL MANUFACTURING CO.
MAIN OFFICE AND PLANT ■ CLEVELAND OHIO 44114

DANGER!

POISONOUS IF SWALLOWED:

Do not use or store in or around the home. Do not get in eyes, on skin or clothing. Do not breathe spray mist. Wear respirator. In case of contact, wash thoroughly. Wash thoroughly after using. Keep away from children, domestic animals and food stuffs. Keep children, livestock and animals off treated areas.

Do not contaminate water used for irrigation or domestic purposes. Do not use treated vegetation as food or bedding for livestock. Do not allow spray or spray drift to contact desirable plants, flower beds or the edge of lawns. Do not apply when weather conditions favor drift. Apply this product only as specified on this label.

ENVIRONMENTAL CAUTIONS: This product is toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment, or disposal of wastes.

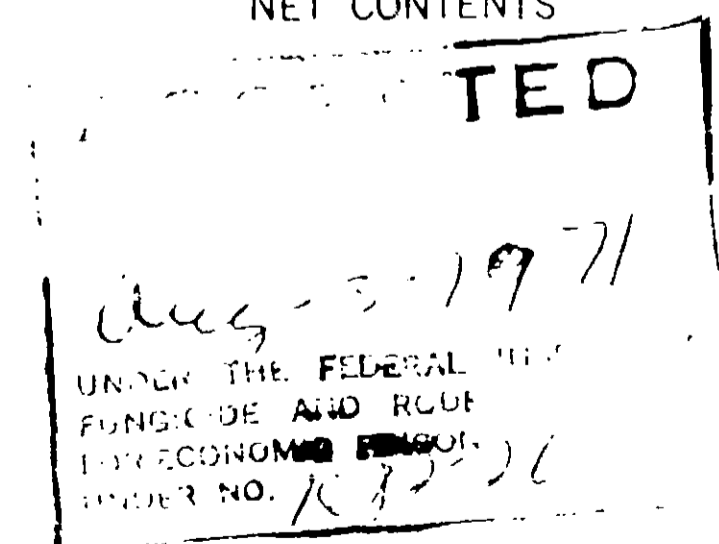
When this container is empty, rinse with water at least twice. Add this water as part of tank dilution. Punch holes in top and bottom so that this container cannot be reused. Never use to store feed, food or drinking water.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. Neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.



FIRST AID: If swallowed, give a tablespoonful of salt in a glass of warm water and repeat until vomit fluid is clear. Then give 2 tablespoonfuls of Epsom Salts or Milk of Magnesia in water, and plenty of milk or water. Have patient lie down and keep quiet.

CALL A PHYSICIAN IMMEDIATELY
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FORMULA 888

BRUSH-KIL

SELECTIVE WEED AND BRUSH KILLER

- Low volatile — slow evaporation prevents vapor damage to surrounding plants
- Special emulsifiers permit mixing with water or oil

5-26-71
1685-41

DIRECTIONS

FOLIAGE SPRAY — To control mixed species of susceptible herbaceous and woody plants growing in rangelands, on rights of way, fence rows, industrial areas. For spraying foliage with ground equipment in spring or summer, mix 3 to 4 quarts BRUSH-KIL thoroughly with 100 gallons of water by adding to the spray tank while filling. For small areas, use 2 tablespoonfuls per gallon of water. Mix thoroughly. Complete spray coverage of leaves, stems and bark is required for good results. Best results are usually obtained when plants are growing actively. Lack of moisture may cause less effective control. Re-treat missed areas and the more resistant species the following season. Coarse sprays are less likely to drift.

BASAL SPRAY — To control mixed species of susceptible herbaceous and woody plants growing in rangelands, on rights-of-way, fence rows, industrial areas. Basal spray treatments may be made at any time during winter or summer. This method is particularly useful for large standing trees or more resistant species. Mix 1 gallon of BRUSH-KIL with 25 gallons of diesel oil or kerosene and drench bark on all sides from ground line up to 3 feet. If application is made during dormant season, use 1 gallon in 15 to 20 gallons of oil. For small areas, use 1/3 pint per gallon of oil. For best results, allow treated brush to stand for at least a year before cutting. Coarse sprays are less likely to drift.

STUMP TREATMENT — Cut stumps may also be treated at any season to prevent regrowth. For most species, dilute 2 gallons of BRUSH-KIL in 50 gallons of diesel oil or kerosene and thoroughly treat top and sides of stump and any exposed roots. More resistant species may require 3 gallons in 50 gallons of oil. For small areas, use 1/4 pint per gallon of oil.

WARNING

**MAY CAUSE SKIN IRRITATION
KEEP OUT OF REACH OF CHILDREN**

**Do not use around the home
or recreation area**

AVOID CONTACT WITH SKIN, EYES OR CLOTHING.

HARMFUL IF SWALLOWED

Do not store near food, fertilizer, seeds, insecticides or fungicides. Do not contaminate water used for irrigation, domestic or spray purposes. In case of fire, use water spray, foam, dry chemical or CO₂.

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.

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

Vapors from this product may cause irritation of plants in the immediate vicinity.

Thoroughly clean spray equipment with a suitable chemical cleaner before using for other purposes.

Avoid spray drift to susceptible plants and other product-bearing plants, cotton, beans, corn, sorghum, ornamentals, etc.

Do not re-use container. Destroy by burying in a safe place. Do not burn.

ACTIVE INGREDIENTS:
Isopropyl alcohol 40.0%
Isobutyl alcohol 4.0%
INERT INGREDIENTS

Contains 2.5 lbs. of active ingredient per gallon.
2.5 lbs. per gallon of active ingredient.

Plants susceptible to BRUSH-KIL include:

Adler	Elderberry	Maple
Ash	Elm	Oak
Aspen	Greenbrier	Osage orange
Birch	Wild grape	Salmonberry
Box elder	Gum	Poison Ivy
Brambles	Hawthorn	Sassafras
Buckbrush	Honeysuckle	Sumac
Wild cherry	Locust	Willows

WARRANTY NOTICE

This warranty that this material conforms to the description on the label and is reasonably effective against the brush and weeds specified on the label is given subject to the understanding that the user assumes all risk of use or misuse of this material. No liability for damage when used in conjunction with other products, the use of this material in the presence of other materials, or the use of this material in the field or crop areas, is assumed by the user. This warranty of effectiveness against brush and weeds is given in full and to the extent of the liability of the manufacturer and does not cover any and all other damage resulting from the use or misuse of this material. The purchase price paid for this material is the quantity of the product involved. The user is advised that the product is not a substitute for the brush which may be used to control brush and weeds.

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FORMULA 888 BRUSH-KIL

SELECTIVE WEED AND BRUSH KILLER

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- Special emulsifiers permit mixing with water or oil

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Do not store near food, fertilizer, seeds, insecticides or fungicides. Do not contaminate water used for irrigation, domestic or spray purposes. In case of fire, use water spray, foam, dry chemical or CO₂.

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.

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

Vapors from this product may injure susceptible plants in the immediate vicinity.

Thoroughly clean spray equipment with a suitable chemical cleaner before using for other purposes.

Avoid spray drift to susceptible plants, as this product may injure cotton, beans, peas, grapes, ornamentals, etc.

Do not re-use container. Destroy by burying in a safe place. Do not burn.

ACTIVE INGREDIENTS
Isocetyl ester of 2,4-Dichlorophenoxyacetic Acid 33.0%
Isocetyl ester of 2,4,5-Trichlorophenoxyacetic Acid 31.5%
INERT INGREDIENTS 35.5%

Contains 2 lbs. of 2,4-D Acid per gal., or 22.9%, and 2 lbs. of 2,4,5-T Acid per gal., or 22.9%.

Plants susceptible to BRUSH-KIL include:

Adler	Elderberry	Maple
Ash	Elm	Oak
Aspen	Greenbrier	Osage orange
Birch	Wild grape	Salmonberry
Box elder	Gum	Poison Ivy
Brambles	Hawthorn	Sassafras
Buckbrush	Honeysuckle	Sumac
Wild cherry	Lecust	Willows

WARRANTY NOTICE

State warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use. This product is sold subject to the understanding that the buyer assumes all risks of use or handling which may result in loss or damage which are beyond the control of the seller, such as for example incompatibility with other products, the manner of its use or application, or the presence of other products or materials in or on the soil or crop. State makes no other express or implied warranty of fitness or merchantability. The exclusive remedy of the user or buyer, and the limit of the liability of State Chemical or any other seller, for any and all losses, injuries or damages resulting from the use or handling of this product shall be the purchase price paid by the user or buyer for the quantity of this product involved. The buyer and all users are deemed to have accepted the terms of this notice, which may not be varied by any verbal or written agreement.

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