

FORMULA 220-A

# BRUSH-KIL

SELECTIVE WEED AND BRUSH KILLER

- Low volatility
- Special emulsifiers permit mixing with water or oil

## 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 1½ to 2 gallons BRUSH-KIL thoroughly with 100 gallons of water by adding to the spray tank while filling. For small areas, use 4 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 2 gallons 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 2 gallons in 15 to 20 gallons of oil. For small areas, use 2/3 pint per gallon of oil. For best results, allow treated brush to stand for at least 1 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 4 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 6 gallons in 50 gallons of oil. For small areas, use ½ pint per gallon of oil.

SS-220-A

## 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 Use, Pour, Spill Or Store Near Heat Or Open Flame.

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 CO<sub>2</sub>.

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 and ponds. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply Formula 220-A only as specified on this label.

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

Butoxyethyl ester of 2,4-Dichlorophenoxyacetic Acid	18.9%
Butoxyethyl ester of 2,4,5-Trichlorophenoxyacetic Acid	18.1%
INERT INGREDIENTS	63.0%
	100.0%

Contains 1 lb of 2,4-D Acid per gal or 13.1% and 1 lb. of 2,4,5-T Acid per gal. or 13.1%

ACCEPTED

AUG 22 1974

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTERED  
ED UNDER NO. 1685-78 SUBJECT  
TO ATTACHED COMMENTS.

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

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.

## NET CONTENTS

The **State** CHEMICAL MANUFACTURING CO.  
MAIN OFFICE AND PLANT: CLEVELAND, OHIO 44114  
DISTRIBUTION CENTERS: LOS ANGELES, ATLANTA, N. BERGEN, N. J.

EPA REG. NO. 1685-78  
EPA EST. NO. 1685-OH-1

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- Special emulsifiers permit mixing with water or

## DIRECTIONS

**FOLIAGE SPRAY**—To control mixed species of susceptible herbaceous and woody plants growing in rangelands, on rights of way, fence rows, industrial areas, or spraying foliage with ground equipment in spring or summer, mix 1½ to 2 gallons BRUSH-KIL thoroughly with 100 gallons of water by adding to the spray tank while filling. For small areas, use 4 tablespoons 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 2 gallons 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 2 gallons in 15 to 20 gallons of oil. For small areas, use 2-3 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 ½ 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 6 gallons in 50 gallons of oil. For small areas, use ½ pint per gallon of oil.

SP-220-A

## 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 Use, Pour, Spit Or Store Near Heat Or Open Flame.

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 CO<sub>2</sub>. 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 and ponds. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply Formula 220-A only as specified on this label.

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, trees, fruit, forest shrubs, etc.

Do not use container. Destroy by burning in a safe place. Do not burn.

### ACTIVE INGREDIENTS

Butoxyethyl ester of 2,4-Dichlorophenoxyacetic Acid	18.9%
Butoxyethyl ester of 2,4,5-Trichlorophenoxyacetic Acid	18.1%
PERM. ACETONITRILE	63.0%
	100.0%

Contains 1.5 lb of 2,4-D Acid per gallon (13.1%) and 1 lb of 2,4,5-T Acid per gal (8.1%).

ACCEPTED

AUG 22 1974

UNDER THE FEDERAL INSECTICIDE, FUNGICIDE AND RODENTICIDE ACT, FOR ECONOMIC POISON, REGISTERED UNDER NO. 43572 SUBJECT TO ATTACHED COMMENTS.

Plants susceptible to injury include:

Admiral	Elderberry	Maple
Ash	Elm	Oak
Ashken	Gretnier	Osage orange
Burn	Wild grape	Salmonberry
Baldwin	Gum	Poison Ivy
Brambles	Hawthorn	Sassafras
Buckbrush	Honeysuckle	Sumac
Willow cherry	Lorain	Willows

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DISTRIBUTION CENTERS: LOS ANGELES ATLANTA NEW BERGEN N.J.

EPA REG. NO. 1685-78  
EPA EST. NO. 1685-0H-1

## NOTICE

Because of the many varying conditions affecting use and weather, soil composition and type of vegetation, manufacturing conditions may impair or vary the results or effects of the complete elimination of weeds is not guaranteed. It is advised that the Service or Agricultural Experimental Station weed specialist be consulted. The manufacturer nor seller shall be liable in respect to any injury or use of this product for a purpose not indicated by the label or instructions hereon nor with respect to breach of any warranty. Buyer accepts this material subject to these terms, and assumes all liability except when used or handled in accordance with this label. The manufacturer and their employees and agents are not permitted to make, express or implied by law, not specifically set forth hereon.