

RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators or persons under the direct supervision of a Certified Applicator, and only for those uses covered by the Certified Applicator's certification.

AMIZOL® brand Industrial Herbicide

For general weed control in industrial and similar non-crop areas. Use alone or in combination with other weed control herbicides having long residual action.

ACTIVE INGREDIENT

Amitrole (3-amino-1,2,4-triazole)90.0%

INERT INGREDIENTS:10.0%

EPA Reg. No. 264-119-AA

EPA Est. No. 33688-FR-01

KEEP OUT OF REACH OF CHILDREN CAUTION

For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577
For PRODUCT USE Information Call 1-800-334-9745

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Induce vomiting immediately. Get medical attention.

ON SKIN: Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse.

IF IN EYES: Flush eyes with plenty of water.

NOTE TO PHYSICIAN

This product may affect thyroid function. Overexposure can be determined by monitoring thyroid function. If worker is under treatment for hypo- or hyperthyroidism, he should be removed from spray crew until the euthyroid state is achieved.

PRECAUTIONARY STATEMENTS

CAUTION

HAZARD TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed. Avoid contact with eyes, skin, and clothing.

The use of this product may be hazardous to your health. This product contains Amitrole which has been determined to cause cancer in laboratory animals. Wear a respirator during mixing and loading of this product.

When applying this product, wear clean cotton (or cloth) coveralls that cover all parts of the body except the head, hands, and feet. Coveralls must be worn over a long sleeve shirt and long pants. Wear boots or sturdy footwear. When handling the concentrate or when repairing and cleaning the equipment used with this product, chemical resistant gloves must also be worn.

ENVIRONMENTAL HAZARDS

Do not apply directly to water or wetlands.

Do not contaminate water when disposing of equipment washwaters.

Do not allow spray or spray drift to contaminate edible crops or water intended for irrigation, drinking or other domestic purposes.

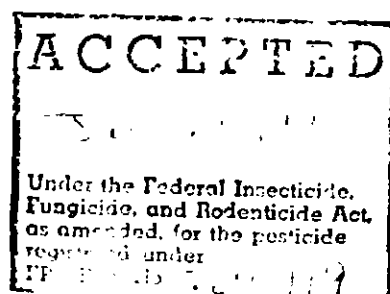
Do not allow livestock to graze or feed in treated non-crop areas.

Avoid spray drift as this product may injure susceptible plants such as cotton, tomatoes, and some ornamentals.

Coarse sprays are less likely to drift.

Do not use same sprayer for other purposes unless thoroughly cleaned. To clean sprayer following use of AMIZOL®, rinse all parts of sprayer with water several times.

Do not use in a greenhouse.



DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
Read entire label before using this product.

STORAGE AND DISPOSAL

STORAGE

Do not store near fertilizers, seeds, insecticides, or fungicides. Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE DISPOSAL

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in sanitary landfill or by incineration if allowed by state or local authorities. If drum cannot be reused, dispose of in the same manner.

GENERAL DIRECTIONS

By combining AMIZOL® Industrial Herbicide with residual-type weed control herbicide, you make a mixture that provides a rapid knockdown of existing vegetation, better control of deep rooted perennial weeds, and prevent most weed growth for one or more seasons.

Do not use more than 4 pounds (3.6 lbs. active ingredient) of AMIZOL® per acre per year.

WHEN TO USE

Apply AMIZOL® Industrial Herbicide combinations anytime weeds are green and actively growing. It is not necessary to apply these combinations before weeds come up.

Weeds treated after they have developed strong stems may remain standing for the rest of the season, even though they are dead. These standing weeds are unsightly and a fire hazard. Therefore, for most effective control of tall weeds, cut and remove the weeds, if possible, then spray the regrowth. For best results, treat when soil moisture is adequate for rapid weed growth.

HOW TO APPLY

Use a fixed boom sprayer attached to a tractor/truck or railroad wagon that provides uniform and accurate application. Sprayer should be equipped with flat fan nozzles spaced a maximum of 20 inches apart and screens no finer than 50 mesh in the nozzle tips and in-line strainers. Specific application instructions are described under each weed controlled heading.

MIXING SPRAYS

AMIZOL® ALONE: Fill the spray tank 1/2 full with clean water. Add the recommended amount of AMIZOL® soluble bags. Let the soluble bags dissolve for 1-2 minutes, begin agitation, and add water to spray tank to the desired final level. Maintain sufficient agitation to ensure a uniform spray mixture during application.

TANK MIXTURES: Refer to the specific crop section for rate recommendations and other restrictions. To apply AMIZOL® in mixture with another product, fill the spray tank 1/2 full with clean water. If tank mixing with wettable powder, soluble powder, flowable or dry flowable products, add these water based products first. After these water based products have thoroughly mixed, stop agitation, and add AMIZOL® allowing the soluble bags 1-2 minutes to dissolve before continuing tank agitation. If tank mixing with other EC products, add the AMIZOL® first and let soluble bags dissolve for 1 - 2 minutes before adding the other product. Always allow AMIZOL® bags to dissolve in water thoroughly before adding another product. Never mix two products together without first mixing in water.

Begin agitation after the soluble bags have dissolved and maintain sufficient agitation while mixing and during application to ensure uniform spray mixture. If spray mixture is allowed to remain without agitation for short periods of time, be sure to agitate until uniformly mixed before application.

SOME OF THE WEEDS CONTROLLED

alfalfa
bluegrasses
Canada thistle
carpetweed
catch fly
chickweed
chrysanthemum weed (mugwort)
cocklebur
crabgrass
dandelion
downy brome (cheat)
foxtail
goosegrass

groundsel
hempnettle
jimsonweed
knotweed
rochia
lambquarters
mustard
nightshade
pigweed
plantain
poison ivy
purslane
quackgrass

ragweed
shepherdspurse
smartweed
sowthistle
stinkweed
velvetgrass
white cockle
wild buckwheat
wild oats
witchgrass
yellow rock

I. USE AMIZOL® brand INDUSTRIAL HERBICIDE ALONE:**AMOUNTS PER ACRE**

	AMIZOL®	WATER
a. To control annual grass and broadleaf weeds where residual control is not required, spray when most weeds are 3-4 inches tall.	2 lbs.	100 gal.
b. To control annual grasses, annual and perennial broadleaf weeds and suppress perennial grasses, spray when most weeds are 6 to 10 inches tall.	4 lbs.	100 gal.
c. Poison ivy, poison oak: treat after leaves are fully developed in the spring until leaves start to turn color in the fall.	2 lbs.	100 gal.

II. USE AMIZOL® brand INDUSTRIAL HERBICIDE COMBINATIONS WITH PRINCEP¹ 80W**AMOUNTS PER ACRE**

	AMIZOL®	PRINCEP
a. For seasonal control of most weeds where safety to nearby desirable trees, shrubs and ornamentals is important.	4 lbs.	12 1/2 lbs.
b. For economical control of easy-to-control (annual) weeds; for areas with short growing season.	2 lbs.	6 1/4 lbs.
c. For grass and broadleaf weed control in nurseries; ornamental plantings in median strips. Use a directional spray.	1 lb.	3 3/4 lbs.

CAUTION: Lilac, privet, honeysuckle, barberry and boxwood are susceptible to this mixture and may be injured if contacted by spray. Where johnsongrass or bermudagrass is a problem, a mixture of AMIZOL® brand Industrial Herbicide and Telvar² or Karmex² is recommended.

III. USE AMIZOL® brand INDUSTRIAL HERBICIDE COMBINATIONS WITH KARMEX OR TELVAR**AMOUNTS PER ACRE**

	AMIZOL®	Karmex or Telvar
a. For seasonal control of most weeds	4 lbs.	20 lbs.
b. For economical control of easy-to-control (annual) weeds; for areas with short growing seasons.	2 lbs.	10 lbs.

CAUTION: Mixtures containing Telvar or Karmex should not be applied where material will wash or leach into the root zone of valuable trees or shrubs, since severe damage may result.

We recommend using Karmex in high rainfall areas or where Karmex has given best results in the past. Use Telvar in areas of proportionately lower rainfall or where Telvar has given best results in the past.

IV. AMIZOL® brand INDUSTRIAL HERBICIDE IN SPECIAL COMBINATIONS

To control existing vegetation and prevent reinvasion of weeds on railroad ballast and berm areas, highway shoulders and industrial areas, mix 1 to 4 lbs. of AMIZOL® brand Industrial Herbicide per acre with one of the following residual herbicides:

AMOUNTS TO USE PER ACRE WHERE MIXTURES MAY BE USED (X)

Product	Arid Areas or Short Growing Seasons	Humid Areas or Full Growing Seasons	Railroad Ballast & Berm	Highway Shoulders	Industrial Areas
Aatrex ¹ 80W (atrazine)	5-10 lbs.	20 lbs.	--	X	X
Hyvar ² (bromacil)	4 lbs.	10 lbs.	X	--	X
Karmex (diuron)	5-10 lbs.	20 lbs.	X	--	X
Krovar ² (Bromacil + diuron)	3-6 lbs.	10 lbs.	X	--	--
Princep 80W (simazine)	5-10 lbs.	20 lbs.	X	--	X
Tandex ¹ (karbutilate)	4 lbs.	10 lbs.	--	--	X
Telvar (monuron)	5-10 lbs.	20 lbs.	X	--	--

For faster knockdown of annual and perennial broadleaf weeds, add 1 to 4 qts. of 2,4-D ester or amine per acre to the mixture of Hyvar X or Krovar with AMIZOL®.

PRECAUTION: Mixtures containing Telvar, Karmex, Aatrex, Tandex, Krovar or Hyvar X, should not be applied where material will wash or leach into the root zone of valuable trees or shrubs, since severe damage may result.

AMIZOL® brand INDUSTRIAL HERBICIDE FOR WOODY PLANTS

Use AMIZOL® brand Industrial Herbicide in a highway right-of-way maintenance program as a special tool for cleaning up spot infestations of the species listed below. Most of these are killed to ground line by foliage sprays of 2,4-D, but badly the next year. AMIZOL® is a good translocator and kills most of the roots as well as the tops. AMIZOL® is specific on the species listed. It should not be expected to kill other species. Use the standard foliage stem method for high volume sprays along fencerows, highway rights-of-way. Spray all foliage and stems of 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.

AMOUNTS TO USE

SPECIES	Pounds AMIZOL® per 100 gallons of water	
Salmonberry	4	Add 4 ounces of spreader sticker per 100 gallons of water.
Western dewbe. v (blackberry)	4	
Bigleaf maple	4	
Honeysuckle	4	
Yudzu	4	
Locust	3 to 4	
Ash	3 to 4	
Sumac	3 to 4	

USE AMIZOL® brand INDUSTRIAL HERBICIDE COMBINATIONS FOR GENERAL WEED CONTROL

I. AMIZOL® alone

III. AMIZOL® and Monuron or Diuron (Telvar or Karmex)

II. AMIZOL® and Simazine (Princep 80W)

IV. AMIZOL® in Special Combinations

WHERE TO USE

RECOMMENDED COMBINATIONS		RECOMMENDED COMBINATIONS	
HIGHWAYS	(In order of preference)	RAILROADS	(In order of preference)
guard rails	II, I	yards	IV, III, II
bridge abutments	II, III, IV	around buildings	IV, II, III
shoulders	IV, II, III, I	switches	IV, III, II
center strips	II, III, I, IV	signal equipment	IV, III, II
embankments	I, II, III, IV	loading areas	IV, III, II
		ballast, berm	IV
PUBLIC UTILITIES		INDUSTRIAL AREAS	
power substations	II, III, IV	parking lots	II, III
pole yards	II, III, IV	tank farms	IV, III, II
parking areas	II, III, IV	lumber yards	IV, II, III
transmission towers	II, III, IV	open storage	IV, III, II
fence lines	II, III	fence lines	II, III, IV
woody plants	I	drive-in theaters	II, III, IV
NURSERIES			
liners	II		
ornamentals	II		

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants that this product conforms to the chemical description on the label; that this product is reasonably fit for the purposes set forth in the direction for use when it is used in accordance with such directions; and that the directions, warnings and other statements on this label are based upon responsible experts' evaluation of reasonable tests of effectiveness of toxicity to laboratory animals and to plants, and of residues on food crops, and upon reports of field experience. Test have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS, OR CAUTIONS.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

NOTICE TO BUYER

Purchase of this material does not confer any rights under patents governing this product or the use thereof in countries outside of the United States.

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² Registered trademark of Du Pont Agricultural Products.

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AMIZOL is a registered trademark of Rhône-Poulenc.

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