

BENSULFIDE 4-E HERBICIDE

ACTIVE INGREDIENT:

S-(O,O)-disopropyl phosphorodithioate
of N-(2-mercaptoethyl) benzenesulfonamide*

46.0%

INERT INGREDIENTS:

54.0%

100.0%

*CONTAINS 4 LBS ACTIVE PER GALLON

NET CONTENTS
EPA REG. NO. 2749 282

CAUTION: KEEP OUT OF THE REACH OF CHILDREN.

MAY BE HARMFUL IF SWALLOWED. MAY CAUSE IRRITATION OF EYES, NOSE, THROAT AND SKIN. AVOID INHALATION OF DUST. AVOID CONTACT WITH SKIN, EYES OR CLOTHING.

IN CASE OF CONTACT, FLUSH WITH PLENTY OF WATER. FOR EYES - GET MEDICAL ATTENTION.

KEEP AWAY FROM DOMESTIC ANIMALS AND FOODSTUFFS.

DO NOT CONTAMINATE WATER USED FOR IRRIGATION OR DOMESTIC PURPOSES.

DO NOT REUSE EMPTY CONTAINER. DESTROY EMPTY CONTAINER BY PERFORATING OR CRUSHING AND BURYING IN A SAFE PLACE.

THIS PRODUCT IS TOXIC TO FISH. KEEP OUT OF LAKES, STREAMS, OR PONDS. DO NOT APPLY WHERE RUNOFF IS LIKELY TO OCCUR. DO NOT APPLY WHEN WEATHER CONDITIONS FAVOR DRIFT FROM AREAS TREATED. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT, OR DISPOSAL OF WASTES. APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL.

PROTECT FROM TEMPERATURES BELOW 42° F. PRODUCT CRYSTALLIZES AT LOWER TEMPERATURES. WARM OR STORE AT HIGHER TEMPERATURES, AND MIX TO REDISSOLVE CRYSTALS AND ASSURE UNIFORMITY BEFORE USE.

DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME.

PRODUCT INFORMATION

BENSULFIDE 4-E is recommended for use on home lawns, parks and golf courses, on ornamental plants and on ground covers for control of crabgrass, annual bluegrass and other annual weeds listed.

WEEDS CONTROLLED

Smooth Crabgrass (*Digitaria ischaemum*)
Hairy Crabgrass (*Digitaria sanguinalis*)
Redroot Pigweed (*Amaranthus retroflexus*)
Barnyardgrass (Watergrass) (*Echinochloa* spp.)
Lambsquarters (*Chenopodium album*)
Goosegrass (*Eleusine indica*)
Annual Bluegrass (*Poa annua*)
Shepherdspurse (*Capsella bursa-pastoris*)
Deadnettle (Henbit) (*Lamium* spp.)

GENERAL USE PRECAUTIONS

Read All Label Directions Before Using.

BENSULFIDE 4-E should be used only for recommended uses and at recommended rates. Apply when there is little or no wind to avoid drift.

Do not allow children or pets on treated lawns until BENSULFIDE 4-E has been watered into the soil and grass is completely dry.

Clean up spills on walks or patios by covering with dry soil or absorptive material. Early sweepings and hose area.

Avoid contamination of food and feed.

DIRECTIONS FOR APPLICATION

Application of BENSULFIDE 4-E must precede emergence of weeds from the soil. Crabgrass will emerge from the soil from four to six weeks before it is visible above lawn soil. If weeds are visible above the soil, it is too late to apply BENSULFIDE 4-E.

Remove leaves, dead tall grass, and the debris before applying BENSULFIDE 4-E to turf areas. Any weeds present around ornamentals must be removed or worked into the soil before applying BENSULFIDE 4-E. BENSULFIDE 4-E is recommended for use on mineral soils only. Do not apply peat moss to lawn ground covers or established ornamentals before treating with BENSULFIDE 4-E.

TIMING OF APPLICATION - GENERAL COMMENTS

Grass Lawns: BENSULFIDE 4-E should be applied only to well established grass lawns. BENSULFIDE 4-E can be used on the following established turf grasses:

Bahia	Centipede	Poa Trivialis
Bentgrass spp.	Fescue spp.	St. Augustine
Bermudagrass	Pensacola	Red Top
Perennial Bluegrass spp.	Perennial Ryegrass	Zoysia

Dichondra Lawns: BENSULFIDE 4-E can be applied to dichondra lawns at the time of seedling or any time thereafter.

Ornamentals and Ground Covers: BENSULFIDE 4-E should be applied only to the following ornamentals and ground covers:

Alyssum	Daffodil	Abelia	Ajuga
Aster	Dahlia	Azalea	Campanula
Bachelor's-Button	Freesia	Azara	Gazania
Calendula	Gladious	Boxwood	Hypericum
Candy Tuft	Narcissus	Daphne	Ice Plant
Coral Bell	Ranunculus	Holly	Ivy
Daisy	Tulip	Juniper	Pachyandra
Marigold		Monterey	Periwinkle
Pansy		Cypress	Sedum
Primrose		Monterey Pine	Wild Strawberry
Stock		Myrtle	
Sweet Pea		Privet	
Wall Flower		Pyracantha	
Zinnia		Sandankwa	
		Star Jasmine	
		Tobira	
		Xylosma	

TIMING OF APPLICATION - GENERAL COMMENTS

For control of Crabgrass, apply BENSULFIDE 4-E at the recommended rate (see "Rates of Application") any time from fall (September or October) through early spring for spring and summer control. With a late winter or an early spring application, the application must be made prior to crabgrass emergence (see "Directions for Application").

For control of Annual Bluegrass and Other Annual Weeds apply BENSULFIDE 4-E at the recommended rate (see "Rates of Application") before the weeds emerge from the soil.

In southern or western states where germination of crabgrass, annual bluegrass, and other annual weeds extends into the late summer and early fall, a second application of BENSULFIDE 4-E at the recommended rates should be made 4 to 5 months after the initial application.

Consult weed specialists of the State Agricultural Extension Service or the State Agricultural Experiment Stations for additional information, as the timing and rate of application needed will vary with local conditions.

BENSULFIDE 4-E should be applied with spray equipment that will provide uniform application such as a knapsack sprayer, hose proportioner, or pressure sprayer. Sprinkle with water for 10 to 15 minutes after application to wash the BENSULFIDE 4-E off the grass and down into the soil where the weeds are located.

RATES OF APPLICATION

CRABGRASS: Apply 2 1/2 gallons of BENSULFIDE 4-E in 80 to 100 gallons of water uniformly on one acre (7.4 fl. oz. per 1,000 sq. ft.).

ANNUAL BLUEGRASS AND OTHER ANNUAL WEEDS: Apply 3 1/8 gallons of BENSULFIDE 4-E in 80 to 100 gallons of water uniformly on one acre (9.4 fl. oz. per 1,000 sq. ft.).

RESEEDING

Any material that provides effective control of annual grasses may affect new lawn grass seedlings which germinate after treatment. Proper fertilization and watering will encourage the existing turf grass to fill in the thin or bare spots formerly occupied by crabgrass.

The following procedures are suggested in order to minimize any stunting of turf grasses which may occur when re-seeding into BENSULFIDE 4-E treated areas:

1. Do not reseed within four months after application.
2. Renovate the area to be reseeded by raking thoroughly and mix sterilized (weed free) organic matter (50:50 by volume) into the top two inches of soil.



Manufactured for
ACETO CHEMICAL CO., INC.
AGRICULTURAL CHEMICALS DIV.

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