



MADE IN U.S.A.

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type **WARNING!**

HARMFUL LIQUID AND VAPOR CAUSES SKIN IRRITATION AND BLISTERS ON PROLONGED CONTACT

- Avoid breathing vapor.
- Do not get in eyes, on skin, or on clothing.
- Do not take internally.
- Use only with adequate ventilation.
- Do not store near seeds, plants, fertilizers, or other pesticide chemicals.

In case of contact, immediately remove contaminated shoes and clothing and wash skin with soap and water, flush eyes with plenty of water for at least 15 minutes and get medical attention. Do not wear shoes or clothing until ABSOLUTELY free of all SOILFUME odor.

If illness results from inhalation, remove to fresh air and call a doctor. If swallowed call a doctor. Induce vomiting by giving an emetic such as 2 tablespoonfuls of table salt in a glass of warm water.

SOILFUME 85

A CONCENTRATED SOIL FUMIGANT CONTAINING ETHYLENE DIBROMIDE, USEFUL IN THE CONTROL OF WIREWORMS, NEMATODES AND CERTAIN OTHER SOIL PESTS

ACTIVE INGREDIENT: Ethylene Dibromide	83.00%
INERT INGREDIENTS	17.00%
	100.00%

1 gallon of FMC SOILFUME 85 contains 12 pounds (approximately 2/3 gal.) of Ethylene Dibromide. U. S. Patents 2,448,265 and 2,473,984. U.S.D.A. Registration No. 230-35

DIRECTIONS FOR USE

FMC Soilfume 85 is designed for use in re-planting applications to the soil for the control of nematodes (other than encysted eggs and larvae of the sugar beet nematode, golden nematode and related species), wireworms, garden centipedes and certain other soil pests in land to be planted to asparagus, broccoli, carrots, cauliflower, cotton, cucumbers, eggplants, floral crops, gladiolus, lettuce, lima beans, melons, nursery crops, okra, parsnips, peppers, summer squash, strawberries, sweet corn, sweet potatoes, tobacco and tomatoes. It is usually applied by overall treatment but row treatment may be used on cotton, cucumbers, gladiolus, melons, summer squash, tobacco and certain other crops for which this type of treatment is suitable. For best results, annual treatment is usually required.

DOSAGE: For overall application to control nematodes, wireworms, and certain other soil-borne pests, use 4½ to 6 gallons per acre, depending upon severity of infestation, in loam or sandy soil. In muck soils use 9 gallons per acre. In Western irrigated districts where wireworms are the only problem, 3 gallons of FMC Soilfume 85 per acre is adequate. For nursery crops and seed beds, use 6 gallons per acre. For strawberries, in areas where the plantings are maintained for more than one year, use 9 gallons per acre. For control of garden centipedes, use 6 gallons per acre. Soil fumigation will not control flea beetle larvae, maggots and certain other soil-inhabiting insects which cause damage similar to that of wireworms, since they usually are not present at the time the application is made. Consult your local agricultural authorities regarding recommendations for the control of these pests.

In row applications for control of nematodes, the amount of FMC Soilfume 85 used per acre will be reduced, depending upon the row spacing, but should not be less than 2 gallons per acre. In soils containing high root-knot nematode populations, and where root lesion or meadow and ectoparasitic nematodes predominate, use 3 gallons per acre in the row. Do not use row treatment for the control of wireworms.

APPLICATION: For best results, crop remains containing root-knot nematode galls should be worked into the soil so that they are decomposed before treatment. Soil should be in good workable seed bed condition, warm (50° F. or above), and with a high moisture content.

Either chisel or plow-sole equipment may be used for overall applications. Applications should be made in uniform streams 10 to 12 inches apart and 6 to 8 inches below the soil surface. Immediately after chisel applications seal in the fumigant by floating or rolling the land to compact the soil. Heavier soils should be harrowed before floating or rolling since it is more difficult to fill in the spacings left by the

chisels. After plow applications to either light or heavier soil, disk the land immediately and then float or roll it.

For row application, treated strips at least 12 inches apart should be marked, preferably by bedding or listing, since it is necessary that the crop be planted directly in these strips. The fumigant should be applied, at a rate proportioned to the overall rate, at least 12 inches below the top of the bed. Listing behind the applicator at the time of row application provides adequate sealing of the fumigant. When fumigating listed rows, seal in the fumigant by some suitable means, such as ring rollers or press sealers attached behind the chisels.

WHEN TO PLANT AFTER TREATMENT: After treating, leave the soil undisturbed for three weeks before planting. If heavy rainfall occurs between treatment and planting, working the soil during the second week will help aeration.

PRECAUTIONS

Do not use Soilfume 85 in soil where plants are growing. Thoroughly aerate the soil before planting. To avoid reinfestation of treated soil, do not use transplants, tools or crop remains that could carry soil pests from infested lands.

In fumigated soils containing high amounts of ammoniacal nitrogen, tomatoes may suffer growth inhibition or reductions in stand. Reducing the simultaneous or pre-plant application of nitrogen fertilizers, other than nitrate, by ½ or more will lessen this hazard. The balance may be applied as a side dressing later as needed.

The use of FMC Soilfume 85 in extremely heavy soils is not recommended. Do not use containers or handling equipment made of aluminum, magnesium or their alloys. Store in tightly closed containers in a cool place away from dwellings. In outside storage, drums should be stored on their sides. If FMC Soilfume 85 is subjected to temperatures below 35° F., warm to 50° F. and mix thoroughly before using.

CAUTION: USE OF THIS MATERIAL IN A MANNER OR AT A TIME OTHER THAN IN ACCORDANCE WITH THE DIRECTIONS MAY PRODUCE PLANT INJURY.

TERMS OF SALE OR USE: On purchase of this product, the buyer agrees to the following: (1) FMC warrants that this product is, at the time of sale, fit for the purpose set forth on the label, and (2) it is reasonably fit for the purpose set forth on the label, EXCEPT AS TO WORK PANTED THE PRODUCT IS SOLD AS IS. FMC MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED.

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Because of certain critical conditions created in the past by buyers or users, which FMC has no control, buyer and user, as a condition of purchase or use, shall agree to be bound by the FMC liability arising out of the handling or use of the product at the time of purchase. No one is authorized to vary or waive any statement contained herein.

CONTENTS 30 GALLONS AT 68° F.



INORGANIC CHEMICALS DIVISION