

Also mattresses completely enveloped in water proof covers
This includes food in refrigerators and frost free freezers

DIRECTIONS FOR USE

PREPARATION FOR FUMIGATION: Remove from the structure to be fumigated, all persons, domestic animals, pets - including goldfish, and desirable growing plants. Food and medicinals not in sealed glass or metal containers must be either a) removed from the building, b) placed in polyethylene plastic bags of 4 mil or greater thickness and sealed with masking tape or clamps, or c) placed in refrigerator or freezer with the door cracks sealed completely with masking tape. Extinguish all flames, including pilot lights. Open doors between rooms and off hallways, and openings into crawl spaces of attics and sub-floors. For control of fabric pests open storage chests, drawers, and closets. Provide for forced air circulation of the fumigant during the application period. For masonry or metal structures, seal all cracks and other air leaks with caulking material or tape, and seal cracks around doors, windows, vents, and other openings. Wooden structures and others that cannot be readily sealed may be completely enveloped with an impervious tarpaulin material such as 4 mil polyethylene sheeting. To prevent escape of gas through the soil and to avoid injury to nearby plants, wet the soil to a depth of six inches for a distance of one foot outward from the edge of the cover. Seal securely all sheeting seams, and seal the lower edges of the cover to the ground with moist soil or with sand or water "snakes." In cold weather it is recommended the air temperature within the building be warmed to at least 55°F before introducing the fumigant.

WARNING AGENT FOR USE IN CLEARING STRUCTURES PRIOR TO FUMIGATION: After preparing the structure for fumigation and sealing except for one entrance, place a handful of cotton in a shallow dish and set the dish in the air stream of an electric fan. Pour chloropicrin over the cotton. Use 1 ounce per 10,000 to 15,000 cubic feet of space to be fumigated. Seal the last opening to the building and start the fan. Check for leaks. Five to ten minutes later introduce the VIKANE.

DOSAGE AND EXPOSURE: For general fumigation to control drywood termites, the FUMIGUIDE "A" calculator is recommended for the coordination of fumigant rates with temperature, exposure time, and a fumigant concentration loss rate measured as half loss time in hours. The use of the FUMIGUIDE B calculator is recommended for coordination of fumigant rates with temperature, a 20 to 24 hour exposure period, and an estimated half loss time (HLL). For general fumigation to control lyctus or powder post beetle and death watch beetle use 10 times the amount of VIKANE as required for drywood termite control as determined by use of the FUMIGUIDE calculator or the FUMIGUIDE B calculator. For specific control of bedbugs use 2 times the amount, for old-house borer use 4 times the amount, and for clothes moths use 6 times the amount of VIKANE recommended for control of drywood termites.

RELEASING THE FUMIGANT: Release the fumigant from outside the structure. Lead it from the shipping cylinder into an open space in the building through a suitable leak-proof tube. One-quarter inch copper or polypropylene tubing or polyethylene tubing of at least 62 mil wall thickness is satisfactory. Direct the fumigant into the blast of air from a fan. Run the fan during application and for 30 minutes after application is finished. For an average structure, the entire amount may be released in one place, but for large or complex structures release it at two or more locations so chosen as to ensure even distribution of the gas. To prevent corrosion, avoid applying gas directly to metal surfaces.

AERATION: At the end of the exposure period, remove all seals and open all doors and windows. Use ventilation fans to remove fumigant from dead air pockets. Do not reoccupy building until aeration is complete. Check for completeness of aeration with a suitable fumigant monitoring instrument. (Consult The Dow Chemical Company for suggestions for monitoring devices.)

* These calculations may be obtained from The Dow Chemical Company.

SPECIMEN LABEL



VIKANE®

FUMIGANT

for control of structural and household pests such as

DRYWOOD TERMITES, LYCTUS (OR POWDER POST)
BEETLES, OLD-HOUSE BORER, DEATH WATCH
BEETLE, BEDBUGS AND CLOTHES MOTHS

For Use Only by Professional Fumigators

Active Ingredient: Sulfuryl Fluoride 90%
Inert Ingredients 1%

E. P. A Registration No. 464 236

Use VIKANE for structural fumigation to control insect infestations in dwellings, garages, barns, storage buildings and other structures containing materials infested with these pests.

When fumigating observe local rules and regulations including regulations governing odorization of treated areas.

WARNING

KEEP OUT OF REACH OF CHILDREN

Read Complete Precautions on Side Panel

POUNDS



VIKANE is classified by Underwriters Laboratories as nonflammable

Licensed for use under
U.S. Patent 2,875,127

THE DOW CHEMICAL COMPANY
MIDLAND, MICH.

DANGER

HAZARDOUS GAS UNDER PRESSURE
ODORLESS—MAY BE FATAL IF INHALED

Do Not Breathe Gas • Keep Cylinders Well Labeled
Store Away From Heat and Dwellings
Keep Out of Reach of Children

RESPIRATORY PROTECTION: If it is necessary to enter an area under fumigation with VIKANE, certain acid gas canisters may be used for limited periods of time. Fresh canisters marked under the following descriptions have been tested and found to provide effective protection under conditions described in the following table.

Manufacturer	Size	Designation	Effective Protection Time		
			1 1/2 lbs./ 1000 cu. ft.	1 lb./ 1000 cu. ft.	2 lbs./ 1000 cu. ft.
Acme	Large	084-AG	2 Hours	15 Minutes	No
Acme	Large	084-AGK	2 Hours	15 Minutes	No
Davis	Large	OC-2 (Cat. No. 3237)	2 Hours	15 Minutes	No
MSA	Industrial	GMV (Part No. 87081)	2 Hours	15 Minutes	No
MSA	Large	GMV-GS (Part No. 87080)	2 Hours	2 Hours	15 Minutes

* Acme Protection Equipment Company, Davis Emergency Equipment Company, Mine Safety Appliance Company

Before using any other make or brand of canister, consult The Dow Chemical Company or the manufacturer to be certain the canister is effective against VIKANE.

For higher concentrations of VIKANE or for longer periods of time, use air-supplied breathing apparatus.

Do not use any canister longer than 2 hours, even when used at lower concentrations or in fresh air.

FIRST AID: Send for a doctor in case of accident. If a person should be overcome from breathing this gas, place patient in fresh air, face downward, with head slightly below level of lungs. Keep warm. If breathing stops, give artificial respiration.

Note to Physician: First symptoms expected are those of respiratory irritation and central nervous system depression. Inhalation may follow. Treat symptomatically.

Do not contaminate or store near feed or foodstuffs.

NOTICE: This product is not to be used in any manner which is not stated on the label, which is a part of this product. No other warranty, express or implied, is made by The Dow Chemical Company or its subsidiaries for this product. The user assumes all liability for any damage or injury resulting from the use of this product.

Store away from heat in a well ventilated area
away from dwellings and work areas.

ACCEPTED

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