

Dosage and Application

RATE PER 1,000 BU. GRAIN

Steel Bins	1	-1 1/4 gal.
Concrete Bins	1 1/4	-1 3/4 gal.
Wooden Bins	2	-2 1/2 gal.
Flat Storage	2	-4 gal.

DOSAGE RANGE is reflected by size of bin. Bins containing less than 5,000 bu. require highest levels. If bins cannot be made moderately gas tight, use next higher dosage. Above recommendations apply to grain in normal storage conditions. For grain temperatures above 85 F as a result of insect activity or high moisture, or both, transferring grain before treating is recommended. If turning is impossible, increase dosage by 1/4-1/2 gal. per 1,000 bu.

1. LAYER METHOD—Calculate total dosage and set aside 1/4 gal. per 1,000 bu. for surface application. In steel and concrete bins apply balance of dosage to grain stream in equal amounts at 10 or 20 foot intervals. Pour "set back" fumigant on the last portion of grain entering bins. In wooden bins and open top bins apply fumigant at 10 foot intervals and shut grain stream off while applying each layer.

2. SPLIT LAYER METHOD—Apply one-half of total calculated dosage to grain stream as bin approaches one-half full and apply remainder as bin approaches full.

3. TOP APPLICATION METHOD—Apply entire dosage to top surface of recently turned grain using a flat coarse stream in such a manner as to get even surface coverage. When fumigant pump for application is not available, entire dosage can be applied to last portion of the grain as it enters bin, or five to six feet of grain can be taken from bottom, set aside in garner, scale, etc., then entire dosage applied as it is returned to top of bin.

4. FLAT STORAGE—Spread fumigant over surface of grain as quickly and uniformly as possible. Because of the volatility and vast evaporating surface involved extreme cautions should be practiced. Self-contained oxygen or oxygen regenerating equipment should be used in place of canister type mask.

1 GAL. NET



Vulcan

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5. FARM BINS—2-2 1/2 gal. per 1,000 bu. as a surface application after bin has been filled and leveled. Use a coarse, wet spray evenly over surface.

6. BOX CARS—Use 2 1/2 gal. per small car and 3 gal. per large car. Use a sprinkling can to spread fumigant, starting at end, working toward door. Two men are preferred for applying quickly and safely. EXPOSURE PERIOD—72 hours, preferably longer. Grain need not be turned for aeration of fumigant. Avoid possibility of not completing fumigation of a bin, tank or shed in any one day unless extra dosages are applied.

WARNING

Do not breathe vapors or spray mist. Avoid contact with skin, eyes, and clothing. If spilled on skin or eyes wash thoroughly with water. Remove clothing and shoes if wet with fumigant. Do not put back on until dry. May be fatal if swallowed or inhaled. Store in cool place. Keep container closed. Keep out of reach of children. Keep liquid away from flames, spark producing equipment or heated surfaces. Do not remove label.

EMERGENCY TREATMENT

Remove victim to fresh air immediately. Lay victim down, keep warm and quiet and call a physician. If fumigant is swallowed, call physician and induce vomiting.

SAFETY PRECAUTIONS

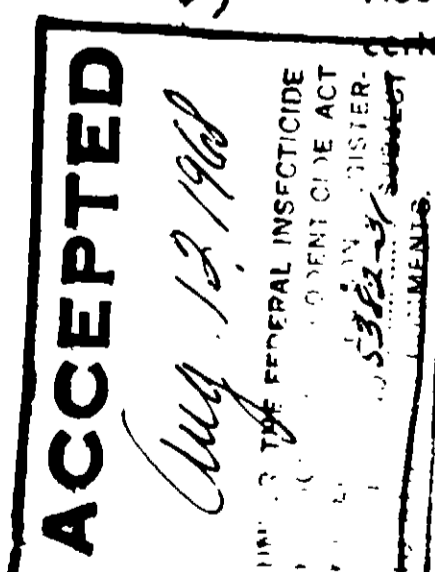
Use proper gas mask canister (super-size yellow for organic and acid gases) at all times when fumigating, moving or transferring fumigant. If exceedingly high concentrations (exceeding 2% by volume) are encountered, air or oxygen equipment should be used. Do not enter bins during or after treatment. Do not reuse empty container. Return to drum conditioner.

NOTICE TO BUYER

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility including injury or damage, resulting from its misuse as such, or in combination with other materials.

KILLS ADULT AND EGG STAGES OF

Grain Weevil, Rice Weevil, Lesser Grain Borer, Confused Flour Beetle, Angoumois Grain Moth Larva, Indian Meal Moth Larva, Mediterranean Flour Moth Larva, Cadelle, Black Carpet Beetle, Sawtooth Grain Beetle and certain other insects attacking stored cereal grains.



ACTIVE INGREDIENTS—100%.

Carbon Tetrachloride 82.3%, Carbon Bisulfide 16.3%, Sulphur Dioxide 1.0%, Pentane, 0.4%.

MANUFACTURED BY

Vulcan Materials Company

CHEMICALS DIVISION P. O. BOX 545 • WICHITA, KANSAS 67201

U.S.D.A. Registration No. 5382-31



In respect to fire hazard **TERMINAL GRAIN FUMIGANT** is rated by Underwriters' Laboratories, Inc. in a class less hazardous than paraffin oil.