SERAFUME* GRAIN FUMIGANT

ROLS INSECT PESTS IN FARM STORAGE AND COUNTRY ELEVATORS

chloride 76.5%; Carbon Bisulfide 0.0% foride 10.0%; Ethylene Dibromide 3.5% -AA 100%

MATION and SAFETY PRECAUTIONS

ain fumigants depends upon several details 1 All grain it Before applying the fumigant, seal the structure as below the surface of the grain 2 Have the grain surface hes below the top of the bin sides 3 Apply the fumigant the building if at all possible. During actual application, o help in case of accident. Have him stand outside where side if it is necessary to enter a large bin for application er fumigation, wear a **suitable gas mask**, such as a fullwith a FRESH black canister which should be replaced fumigant uniformly with a hand or power sprayer replacbe flattened at the end to deliver a broad coarse stream b the grain for at least three days, and preferably for a below) 6 Do not fumigate oftener or at higher dosages it results are obtained during cool calm periods of the es and strong winds increase vaporization and ioss of

f the grain itself is important, rather than the temperature is it is not advisable to fumigate grains other than rice iture is below 60°F. Even with rice, it is better to fumigate over 60 F, since at lower temperatures the insects are gant is less effective because of its reduced volability or determining grain temperature. Consult your dealer is

use a grain bin insecticide to treat the inside of the bin the outside of the bin just before fumigation.

n non-crop lands away from water supplies. Containers ling holes in them and burying with wastes

DIRECTIONS

m-stored grain with SERAFUME within six weeks after ain is held into a second season re-treatment may be rm weather following winter storage. For a single bin headroom in the bin, the fumigant may be applied by e directly from the can, but if this requires more than 5 in is treated on the same day, wear a gas mask. Avoid e to fumigant vapors.

3E: Fumigate grain with SERAFUME when it is being The fumigant may be pumped or poured over the grain

IN U.S.A. IN SEPTEMBER, 1974

LABEL 86-1120 PRINTED IN APRIL, 1973.

: (1) UL CONTROL NUMBER ADDED (2) AGRI-AL STATEMENT ADDED. RECOMMENDED DOSAGES

between drafts, which should not exceed 15-foot depths in the bin. Give double dosages

to top and bottom drafts. Under conditions of long storage or intense insect attack.

retreatment may be necessary. Need for it may be determined by observation of live

BULK CERTIFIED OR HYBRID SEED GRAIN. Bulk seed grain may be fumigated by

stric adverterice to dosage recommendations, and by observing the following precautions

to avoid damage and loss of seed viability (1) The moisture content of the seed must be less than 12% and preferably less than 10% (2) The seed temperature during exposure

period should be between 65° F and 85° F (3) The fumiciant exposure period should not

be more than 24 hours, and provision must be made to remove the fumigant by aeration

immediately after the 24 hour exposure. This may be accomplished in tight structures

by the use of aeration fans, and in loosely constructed storages by breaking all seals

applied when preparing for fumigation. Do not fumigate low viability seed, as germination

insects or by overheating of grain because of insect activity.

may be further reduced See SAFETY PRECAUTIONS

Grain Temperature 60 F. or Higher		Galions per 1000 Bushels*		
	Types of Storage	Wheat, Aye, Barley	Corn. Oats	Grain Sorghums
Farm Storage	Wooden Bins Steel Bins	4 3	е 5	8
quater Elevator Storage	Wooden Cribbed Bins Steel and Concrete Bins	3	6 4	8
Berlars		Gallons per Box Car		
Tri ounity Elevatorsi	Average Conditions and Loap	5	8	1 12

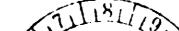
1.N. the File into 500 to 1000 bushels, use the same disage a recommended for 1000 bushels. With smaller licts, well interested with fumigant.

RICE. For farm-stored rice use 4 gallons of SERAFUME per 1000 bushels if average grain temperature is 75 F or above. If temperature is between 60°F and 75 F use 6 gallons per 1000 bushels. If necessary to fumigate, when grain temperature is below 60 F, use 8 gallons per 1000 bushels. **For rice stored in large elevators,** reduce dosage by about one-third. See SAFETY PRECAUTIONS

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller and buyer assumes the risk of any such use.

SEE YOUR LOCAL AGRICULTURAL EXPERIMENT STATION OR EXTENSION SERVICE SPECIALISTS FOR GENERAL INFORMATION

Note: Do not use containers or handling equipment of aluminum, magnesium, or their alloys, as under certain conditions SERAFUME may be severely corrosive to such metals.





AGRICULTURAL CHEMICAL Do Not Ship or Store with Food, Feeds, or Clothing

PRECAUCION AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

TRANSLATION: (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

-DANGER 💐 POISON-

KEEP OUT OF REACH OF CHILDREN HAZARDOUS VAPOR AND LIQUID MAY BE FATAL IF INHALED OR SWALLOWED CAUSES SKIN IRRITATION AND BLISTERS ON CONTACT MAY CAUSE EYE IRRITATION

Use Only with Adequate Ventilation • Do Not Breathe Vapor Do Not Take Internally • Avoid Contact with Eyes. Skin and Clothing When Necessary, Use Gas Mask Suitable for Organic Vapors

In case of skin contact, wash with soap and water. For eyes, flush with plenty of water for at least 15 minutes and get medical attention. Remove and wash clothing before re-use. Do not wear shoes until free of all chemical odor.

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

Do not use fumigated material or feed it to livestock until aeration has eliminated the odor of the fumigant.

To prevent thermal decomposition avoid contact with flame or hot surfaces. Thermal decomposition may form highly poisonous phosgene gas

CLASSIFIED BY UNDERWRITERS LABORATORIES INC AS TO FIRE HAZARD ONLY SERAFUME CLASSED 1 TO 5 LESS HAZARDOUS THAN PARAFFIN OIL IN RESPECT TO FIRE HAZARD

SEE UL INDEX OF CLASSIFIED PRODUCTS 993P

STORE IN A TIGHTLY CLOSED CONTAINER IN A COOL LOCATION AWAY FROM DWELLINGS • KEEP FUMIGANT PROPERLY LABELED

B774

THE DOW CHEMICAL COMPANY

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