



WEEVIL KILLER

GRAIN CONDITIONER
FOR ELEVATORS AND BOXCARS—
DOES NOT AFFECT GERMINATION
—USED SUCCESSFULLY OVER 45
YEARS.

TETRAFUME is a non-flammable liquid in which has been evolved non-flammable and non-explosive gases that are extremely toxic to insect life. Forced or pumped through grain, TETRAFUME quickly volatilizes to form a gas several times heavier than air, this gas penetrates downward through bulk or stacked grain, killing insect life in all stages; adult, larva and eggs.

DIRECTIONS FOR USE

TO PREPARE EMPTY BINS: Sweep Clean. Remove and burn all grain and debris. Seal structure as gas tight as possible, especially below grain level. Spray ceilings, rafters, beams, walls, floors and aeration ducts with DOUGLAS IMPROVED FARM BIN SPRAY.

TO PREPARE FULL BINS: Level grain surface as much as possible. Heavier-than-air fumigant gases tend to drain out of peaks. Close ventilators and seal aeration ducts. **AIRTIGHT BINS:** Concrete, steel or wooden. Level the grain surface. Pour or pump directly from original container whenever possible. Apply 2 gallons of TETRAFUME per 1,000 bushels of grain. Add an extra gallon at the top and bottom ten foot levels.

BINS LESS THAN 50 FEET DEEP: Apply TETRAFUME evenly on top of the grain after the bin is filled and the surface leveled.

BINS OVER 50 FEET DEEP: TETRAFUME will penetrate down into 150 feet of bulk grain under ideal temperature, weather and grain conditions. If grain temperature is above 70 degrees apply at rate of two (2) gallons per 1,000 bushels in bins up to 150 feet deep. If grain temperature is below 70 degrees, turn grain, and every 25 feet apply TETRAFUME at rate of two (2) gallons per 1,000 bushels. **EXPOSURE PERIOD** of 72 hours is adequate to kill all stages of insect life.

TURNING GRAIN AFTER FUMIGATION: When using TETRAFUME to kill insects, turn the grain at the end of the 72 hour fumigation period if the moisture content is at all excessive.

FOR BEST RESULTS, Spray grain surface with DOUGLAS SPECIAL MILL SPRAY or DOUGLAS TOPKOTE 1777, at time of fumigation.

DESTROY USED CONTAINERS: Do not re-use for any purpose. Destroy container by burning or burying in an isolated area. If burned, keep out of smoke.

NET CONTENTS FIVE (5) U. S. GALLON AT 69° F.

Douglas

ACCEPTED

4/18/68

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR THE FEDERAL POISON REGISTER
ED UNDER NO. 1015-10

TETRAFUME

USDA REG. NO. 1015-

WEEVIL KILLER

AND GRAIN CONDITIONER

Grain Fumigant for Elevators and Boxcars

• Reduces High Temperature

• Harmless to Germination

In respect to fire hazard, DOUGLAS TETRAFUME GRAIN FUMIGANT is rated by Underwriter's Laboratories, Inc., 1 to 5 in a class less hazardous than paraffin oil in a schedule in which:

Ether is rated 100
Alcohol (ethyl) 60-70
Kerosene 30-40
Paraffin oil 10-20

ACTIVE INGREDIENTS 100%

Carbon Tetrachloride 80.9%
Carbon Disulfide 16.0%
Sulphur Dioxide 1.5%
Ethylene Dibromide 1.2%
Pentane 0.4%

(by Weight) 100.0%



WARNING - KEEP OUT OF REACH OF CHILDREN

HAZARDOUS VAPOR AND LIQUID.
OBSERVE WARNING PRECAUTIONS ON SIDE PANEL.

ANTIDOTE: CALL PHYSICIAN (SEE SIDE PANEL)

U.S. Pat. Off. by Douglas Chemical Company

STORE IN COOL DRY PLACE



WEEVIL KILLER

GRAIN CONDITIONING

Helps remove musty and ground odors. Cools heating grain. Retards moisture damage. **ELEVATORS:** Allow grain to remain in the bin sufficient time for moisture equalization before conditioning with TETRAFUME. Use two (2) gallons per 1,000 bushels of grain. Pour or pump TETRAFUME as evenly as possible over the grain surface. Open the man-hole and headhouse windows twenty-four hours after application. Approximately 48 hours after TETRAFUME is applied, the grain **MUST BE TURNED** and thoroughly aerated to prevent re-absorption of odors and moisture. **BOXCARS:** After loading grain, pour four (4) gallons of TETRAFUME per car evenly over the grain surface. Allow for an interval of 16 to 24 hours between application and inspection for grade.

WARNING

HAZARDOUS VAPOR & LIQUID

MAY BE FATAL IF INHALED or SWALLOWED. DO NOT BREATHE VAPOR OR MIST. AVOID PROLONGED OR REPEATED CONTACT OF EYES, SKIN OR CLOTHING. USE GAS MASK SUITABLE FOR ORGANIC VAPORS AND ACID GASES.

KEEP OUT OF REACH OF CHILDREN.

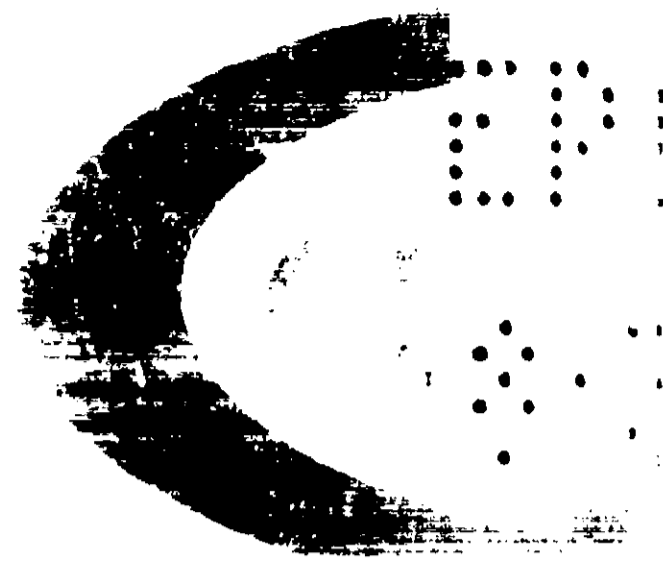
If treated areas must be entered before vapors have dissipated, wear an air-line respirator or a full face gas mask equipped with an organic vapor and acid gases (yellow) canister. In case of contact, wash with soap and water. Remove and wash clothing before re-use. Do not wear shoes until free of all chemical odor.

CAUTION: When applying any fumigant always have someone at hand to help in case of accident. Have him equipped with an air-line respirator or full face gas mask equipped with an organic vapor and acid gases (yellow) canister. Have him stand outside where he can see man working inside.

ANTIDOTE: If illness results from inhalation, remove to fresh air, keep warm and quiet and **CALL PHYSICIAN.** Apply artificial respiration only if breathing stops. If swallowed, **CALL PHYSICIAN.** Induce vomiting immediately by giving emetic such as 2 tablespoons of salt in glass of warm water.

NOTICE

Neither Manufacturer nor Seller makes any representation or warranty, express or implied, concerning this product except as stated on the label. Neither shall be held responsible in any manner for any personal injury or property damage, resulting from failure to follow directions for use and necessary warnings or cautions for the protection of the user, as provided on this label.



Clorchem T-590

ACTIVE INGREDIENT:	
Toxaphene*	90%
INERT INGREDIENT:	
Aromatic Petroleum Derivative Solvent	10%
TOTAL	100%

*Technical Chlorinated Camphene (chlorine content 67-69%).

WARNING

SEE ANTIDOTE STATEMENT AND OTHER WARNINGS ON THE SIDE PANEL

KEEP OUT OF REACH OF CHILDREN

FOR USE ONLY IN THE MANUFACTURE OF OTHER ECONOMIC POISONS

May cause skin irritation. May be fatal if swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing. Do not breathe spray mist. Wash thoroughly after using. In case of contact, flush eyes or skin with plenty of water for at least 15 minutes. To protect water supplies, fish and wildlife, do not contaminate streams, lakes or ponds with this material.

NET CONTENTS 55 U.S. GAL.

CLORCHEM PRODUCTS COMPANY

A DIVISION OF SONFORD CHEMICAL COMPANY

PORT NECHES, TEXAS 77651

POISON

HANDLING PRECAUTIONS

DRUM HANDLING: Open drums only when set up and ready to use to prevent damage and leakage. When filling, use proper technique. Be sure. Fit both bungs with valves. To empty drums, connect one valve to a open vent pipe and the other to a vacuum storage or recuperation system. Handle with adequate ventilation.

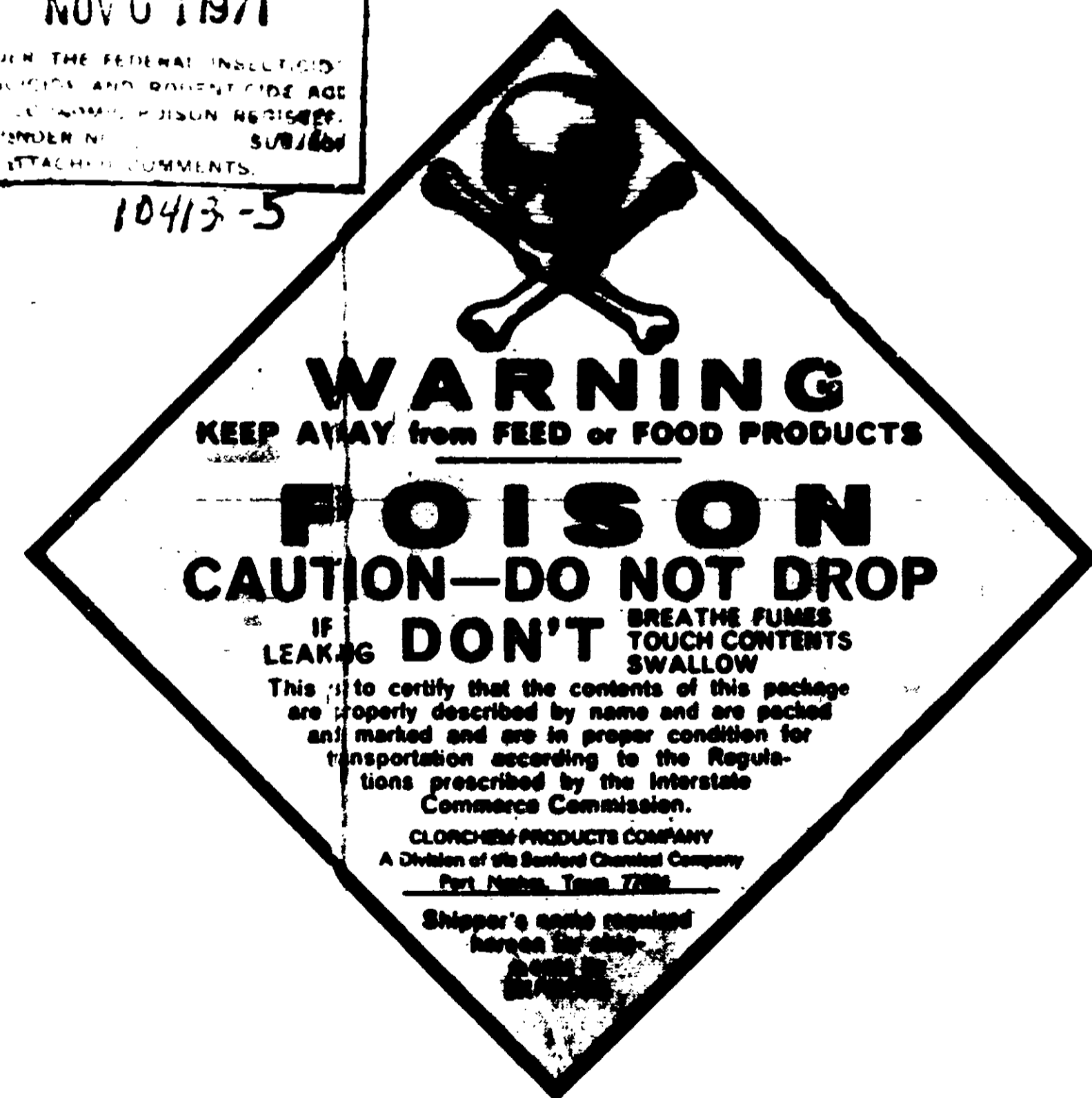
EMPTY DRUM DISPOSAL: Drums should never be crushed. Empty drums should be crushed, burned and buried in a safe place.

ACCEPTED

NOV 0 1971

UNDER THE FEDERAL INSECTICIDE
FUNCTIONAL AND ROBERT CIDE ACT
FOR ECONOMIC POISON REGISTERED
EFFECTIVE DATE 5/27/68
TO ATTACHED COMMENTS.

10413-5



USDA REG. NO. 10413-5