

Active Ingredients: Carbon Tetrachloride 12.5%
Carbon Disulfide 12.5%
Inert Ingredients 75%

EPA EST. 36301-TX-1
EPA REG. No. 36301-5

Use J-FUME 80-20 for control of insects in wheat, rice weevil, larger grain borer, saw-toothed grain beetle, lesser grain borer, red flour beetle, weevil, rice weevil, and meal moth. Mediterranean flour moth, Angoumois grain moth, flour grain beetle, pea weevil, bean weevil, and all other pest insects in stored bulk grain.

GENERAL INFORMATION AND USE PRECAUTIONS

The successful use of liquid grain fumigants depends upon several details. 1. All grain storages should be tightly airtight; therefore apply airtightness to seal the structure as gas-tight as possible, especially below the surface of the grain. 2. Have the grain surface level and smooth the grain surface with the top of the bin sides. 3. Apply the fumigant in a safe manner from outside the building, if at all possible. During actual application, always have someone on hand to help in case of accident. Have him stand outside where he can see the man working inside. **DANGER:** When it is necessary to enter a large bin for application, do not enter an area already under fumigation without a suitable gas mask with filter canister meeting specifications of the U.S. Bureau of Mines for organic vapors, or use an air-supplied respirator. 4. In general, fumigant should be applied with a hand or power sprayer. Prepare the nozzle with a 1/4" bore pipe flattened at the end to give a broad, coarse stream. 5. For best results, do not disturb stored grain for at least 3 days and preferably 1 week after treatment. 6. Do not fumigate offshore or at higher dosages than recommended here. 7. Best results are obtained during cool, calm periods of the day, when the grain temperature and strong wind increase vaporization and loss of the fumigant.

8. In fumigating, the temperature of the grain is the most important factor. Do not fumigate grains other than rice when the average grain temperature is below 60 F., since at lower temperatures the fumigants are relatively inactive, and the fumigant is less effective because it is held up by the grain. Several methods are available for determining grain temperature.

NOTE: For better insect control, spray the inside of the bin with a grain bin insecticide one week before fumigation. Spray the outside of the bin just before fumigation.

RECOMMENDED DOSAGES

Grain Temperature 60°F. or Higher		Wheat Rye, Barley	Corn, Oats Corn Grits	Grain Sorghums
	Types of Storage	Gallons per 1000 Bushels †		
Flat Storage	Wooden Bins	4	6	8
	Steel and Concrete Bins	3	5	7
Elevator Storage and Ship's Hold	Wooden Cribbed Bins	3	6	8
	Steel and Concrete Bins	2	4	6
		Gallons per Box Car		
Box Cars	Average Condition and Load	5	8	12

POISON POISON POISON

NOTE: On less-than-1000-bushel lots, use the same dosage as recommended for 1000 bushels. With very small lots, wet the entire surface with fumigant.

DIRECTIONS

FLAT STORAGE: Large flat storages, such as quonset huts, should be treated with power equipment. Speed of application and observance of above safety precautions are essential in this type of fumigation.

GRAIN STORAGE: Fumigate grain with J-FUME 80-20 when it is being put into storage bins or trucks. The fumigant may be pumped or poured from outside bins or trucks into bins, which should not exceed 15-foot depths in the bin. Use a 1/4" bore pipe sprayer and nozzle. Under conditions of long storage or long-term storage, fumigation may be necessary. Flood may be determined by measuring grain moisture and by evaluating of grain because of insect activity. Use caution when applying J-FUME 80-20 from outside the doorway of the car (or wear a gas mask and use hand or power sprayer with special pipe nozzle). Close and seal doors immediately. For best results, do not move the car for at least 12 hours.

BULK STORAGE OF WHEAT SEED GRAIN: Bulk seed grain may be fumigated by other methods in storage recommendations, and by observing the following precautions to avoid heating and loss of seed viability. (1) The moisture content of the seed should not exceed 12% and preferably less than 10%. (2) The seed temperature, including the storage period should be between 65°F. and 85°F. (3) The fumigant application should be not 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 loose structures by turning all units applied when proper fumigation has been reached. Do not fumigate the stored seed, as germination may be affected. See Use Precautions.

CEREAL LEAF BEETLE: For control of Cereal Leaf Beetle in stored grain, apply J-FUME 80-20 to the surface of the grain. Before application, clean up holes and cracks in truck bed. When loaded, apply J-FUME 80-20 to the grain surface with sprinkling can or sprayer. The following dosages apply to less than 1000 bushels: 3 gallons for 1000 bushels; 4 gallons for 2000 bushels; 5 gallons for 3000 bushels. Immediately after application, cover the grain with a polyethylene tarp or other suitable material. The fumigant will protect trucks from being infested with beetles. After the trucks being fumigated, do not remove the cover for at least 24 hours after application.

DANGER: Personnel applying J-FUME 80-20 and placing the fumigant on the treated grain should wear either an air-supplied respirator or a full-face gas mask equipped with a fresh black canister for organic vapors.

RICE AND CRACKED RICE: Use 4 gallons of J-FUME 80-20 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. See Use Precautions.

SHIPBOARD FUMIGATION IS REGULATED BY THE U.S. COAST GUARD REGULATIONS 46 CFR 147A.

NOTE: Do not use containers or handling equipment of aluminum, magnesium, or their alloys, as under certain conditions J-FUME 80-20 may be severely corrosive to such metals.

Do not reuse empty container. Drain drum and allow remaining contents to evaporate completely. Return to drum reconditioner or dispose of in a safe place.



producto hasta que la etiqueta
**TRANSLATION: (TO THE
not use this product until
you.)**

DANGER

KEEP OUT OF REACH OF CHILDREN

MADE IN U.S.A.

USE ONLY WITH PROPER EQUIPMENT
DO NOT BREATHE VAPORS

AVOID CONTACT WITH EYES
SEND FOR A DOCTOR IF NECESSARY

Do not use fumigated material until the odor of the fumigant has been eliminated.

SEE YOUR STATE AGRICULTURAL SERVICE SPECIALISTS FOR FUMIGATION INSTRUCTIONS
STORE IN A LIGHTLY COOLED PLACE
FROM DWELLINGS. KEEP FUMIGANT OUT OF REACH OF CHILDREN

NOTICE: Seller warrants that this fumigant is reasonably fit for the purpose with directions under normal conditions and other warranty of MERCHANTABILITY, express or implied, extends only to the instructions or under abnormal conditions foreseeable to seller, and buyer assumes all other risks.

CLASSIFIED BY UNDERWRITE WRITERS
ONLY.
J-FUME 80-20 CLASSIFIED 1 TO 2
RESPECT TO FIRE HAZARD.
SEE U.S. INDEX OF CLASSIFIED PRODUCTS

10.5%
0.6%

weevil, lesser grain
flour beetle, cadelle,
red grain moth, flat
wormed bulk grain.

PRECAUTIONS

All personnel handling the fumigant should wear protective clothing and avoid contact with the eyes, nose, mouth, and skin. Do not breathe the vapor. Do not eat, drink, or smoke while handling the fumigant. Wash hands thoroughly after handling. Do not use fumigant in enclosed spaces unless adequate ventilation is provided. Do not use fumigant in areas where it may be inhaled. Do not use fumigant in areas where it may be inhaled. Do not use fumigant in areas where it may be inhaled.

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DIRECTIONS
FLAT STORAGE: Large flat storages, such as quonset huts, should be treated with power equipment. Speed of application and observance of above safety precautions are essential in this type of fumigation.
ELEVATOR STORAGE: Fumigate grain with J-FUME 80-20 when it is being put into the bin or being turned. The fumigant may be pumped or poured from outside over the grain between drafts, which should not exceed 12-foot depths in the bin. Give double dosages to top and bottom drafts. Under conditions of long-storage or intense insect attack, re-treatment may be necessary. Read may be determined by observation of live insects and by observation of grain because of insect activity.
COCKLE SHELLS: Apply J-FUME 80-20 from outside the doorway of the bin (if not possible, use hand sprayer with special pipe nozzle). Close and seal doors immediately. For best results, do not move the car for at least 12 hours.
BULK CONTAINERS OF SEEDS AND GRAIN: Bulk seed grain may be fumigated by direct application to the surface of the grain, and by observing the following precautions to avoid damage to the seed: (1) The ambient relative humidity of the seed should be 75% and preferably less than 70%. (2) The seed temperature during the fumigation period should be between 60°F. and 80°F. (3) The fumigation period should be not more than 24 hours, and aeration must be made to reduce the humidity 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 broaching all seals applied when preparing for fumigation. Do not fumigate low viability seed, as germination may be further reduced. See Use Precautions.
CEREAL LEAF BEETLE: For control of Cereal Leaf Beetle, fumigate immediately after harvest from infested to non-infested areas. Before loading with grain, seal all holes and cracks in truck bed. When loaded, apply J-FUME 80-20 evenly over grain surface with sprinkling can or sprayer at the following dosages: 4 gallons per 1000 bushels for less than 100 bushels; 3 gallons per 1000 bushels for 100 to 200 bushels; 2 gallons per 1000 bushels for 200 to 300 bushels. Immediately after application, cover grain with plastic sheeting such as polyethylene film or other suitable material to prevent escape. To prevent loss of the fumigant protect trucks from strong winds with tarps. Do not move the trucks being fumigated, nor remove the cover until at least 24 hours after application.
DANGER: Personnel applying J-FUME 80-20 and placing the cover over the treated grain should wear either an air-supplied respirator or a full-face gas mask equipped with a fresh black canister for organic vapors.
RICE AND CRACKED RICE: Use 4 gallons of J-FUME 80-20 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. See Use Precautions.
SHIPBOARD FUMIGATION IS REGULATED BY THE U.S. COAST GUARD REGULATIONS 46 CFR 147A.
NOTE: Do not use containers or handling equipment of aluminum, magnesium, or their alloys, as under certain conditions J-FUME 80-20 may be severely corrosive to such metals.
Do not reuse empty container. Drain drum and allow remaining contents to evaporate completely. Return to drum reconditioner or dispose of in a safe place.

J-chem


INC.

HOUSTON, TEXAS

54 gal. Net

Corn, Oats Corn Grits	Grain Sorghums
6	8
5	7
6	8
4	6
ons per Box Car	
8	12

not use any product until the label has been fully explained to you.)

DANGER 

KEEP CHILDREN OFF

USE ONLY WITH ADEQUATE VENTILATION
DO NOT BREATHE VAPOR • DO NOT TAKE INTERNALLY
AVOID CONTACT WITH SKIN
SEND FOR A DOCTOR IMMEDIATELY IN CASE OF ACCIDENT

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

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

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

NOTICE: Seller warrants that the product conforms to its label 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.

CLASSIFIED BY UNDERWRITERS' LABORATORIES, INC. AS TO FIRE HAZARD ONLY.
J-FUME 80-20 CLASSIFIED 1 TO 5 LESS HAZARDOUS THAN PARAFFIN OIL IN RESPECT TO FIRE HAZARD.
SEE UL INDEX OF CLASSIFIED PRODUCTS 993P

LOT NO.

J-FUME-80-20

Chem