

[1015-34] 2 PAGES

ACCEPTED  
JUL 13 1947  
NET CONTENTS ONE (1) U. S. GALLON AT 68° F.  
ED UNDER NO. ...  
TO ATTACHED COMMENTS.

1015-34

**DOES THE JOB EASILY**

Kills the Ancestral stages on contact-grainy weevil, rice weevil, weevils, confused flour beetle, sawtoothed grain beetle, Angoumois grain moth, Indian meal moth, Almond moth and certain other common grain and peanut insects.

**DIRECTIONS  
AS A SURFACE SPRAY  
FOR UNSHELLED  
OR BAGGED PEANUTS**

HI-PO "22" SPRAY should be applied at the rate of one and one-half (1½) gallons per 1,000 square feet of actual area. Where peanuts are stored in bulk, the first spray should be applied within seven days after the first peanuts are received. Repeated applications should be made at times when the surface will remain undisturbed for a period of several days, until the warehouse is filled. Level off the top of the pile to eliminate peaks or mounds. Immediately spray the surface and repeat weekly for the first month. After that, the applications can be spaced at 15-day intervals throughout the remainder of storage period. For the surface spray to be effective, a good deposit of insecticide must be maintained on the surface of the peanuts at all times. The deposit must be distributed uniformly over the surface to be effective. Excessive walking over the surface, or other activities that disturb the surface deposit, should be avoided. Boards should be laid on the surface for walk-

# Douglas

## HI-PO "22"

READY

USDA REG. NO. 1015-34

TO USE

### FORTIFIED MULTI-PURPOSE SPRAY

TO USE AS A SURFACE SPRAY ON GRAIN  
AND UNSHELLED PEANUTS

AS A SPACE SPRAY OR MIST

HI-PO "22" SPRAY is formulated for killing exposed moths and exposed stages of other insects that attack stored grain and peanuts. This contact spray can be applied...

**ACTIVE INGREDIENTS—100%**

Petroleum Distillate ..... 97.8%  
\*\*Technical Pyrethrin ..... 2.2%

stored in bulk, the first spray should be applied within seven days after the first peanuts are received. Repeated applications should be made at times when the surface will remain undisturbed for a period of several days, until the warehouse is filled. Level off the top of the pile to eliminate peaks or mounds. Immediately spray the surface and repeat weekly for the first month. After that, the applications can be spaced at 15-day intervals throughout the remainder of storage period. For the surface spray to be effective, a good deposit of insecticide must be maintained on the surface of the peanuts at all times. The deposit must be distributed uniformly over the surface to be effective. Excessive walking over the surface, or other activities that disturb the surface deposit, should be avoided. Boards should be laid on the surface for walkways. The boards should be moved during spraying to renew the deposits under them.

**IN FOOD PROCESSING PLANTS**

HI-PO "22" can be used in food warehouses, bakeries, canneries, markets, restaurants, hotels and homes. Use the product as a space spray in food processing plants only when plant is not in operation. Foods should be removed or covered during treatment. All food processing surfaces should be covered or thoroughly cleaned before using. Follow directions for surface spraying. As a space spray, apply one-half (1/2) ounce per 1,000 cubic feet in a manner suggested for space spraying.

**CAUTION**

**HARMFUL IF SWALLOWED**

For external use only. Store out of reach of children.  
**ANTIDOTE** (Internal) Do Not Induce Vomiting. Call A Physician.  
 • This product is toxic to fish.  
 • Keep out of any body of water.  
**COMBUSTIBLE MIXTURE** Do not spray HI-PO "22" SPRAY into or near open flame.

USDA REG. NO. 1015-34

**READY TO USE FORTIFIED MULTI-PURPOSE SPRAY**

TO USE AS A SURFACE SPRAY ON GRAIN AND UNSHELLED PEANUTS

AS A SPACE SPRAY OR MIST

HI-PO "22" SPRAY is formulated for killing exposed moths and exposed stages of other insects that attack stored grain and peanuts. This contact spray can be applied directly on the surface of grain and bulk unshelled peanuts or to the exterior surfaces of stacks of bagged peanuts. Will not stain bags or sacks.

FOR USE IN—Peanut Warehouses—Mills—Elevators—Terminals—Farm Storage—Flat Storage—Box Cars—Food Stores—Seed Stores—Food Processing Plants.

**ACTIVE INGREDIENTS—100%**

Petroleum Distillate .....	97.8%
**Technical Piperonyl butoxide .....	2.0%
Pyrethrins .....	0.2%
(by weight) 100.0%	
**Equivalent to 1.6% (Butylcarbityl) (6-Propylpiperonyl) Ether and 0.4% related compound.	

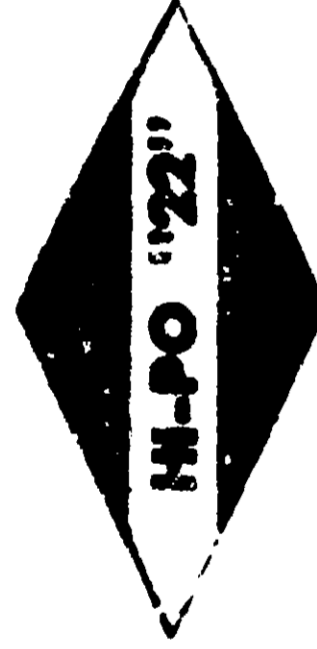
STORE INSIDE IN COOL DRY PLACE

**CAUTION KEEP OUT OF REACH OF CHILDREN**

SEE SIDE PANEL

Douglas Chemical Company

[1015-34] 2 PAGES



### AS A SURFACE SPRAY

Clean out interiors and exteriors of all conveying, processing, and handling equipment with vacuum cleaner, then spray all surfaces until thoroughly wet, or at rate of one and one-half (1½) gallons per 1,000 square feet. This dosage is adequate for nonabsorbent surfaces. Spray entire area of walls, ceilings, beams, pipes and all other exposed interior surfaces until thoroughly wet. The recommended dosage is one and one-half (1½) gallons of HI-PO '22' SPRAY per 1,000 square feet. Repeat as infestation reappears. It should be borne in mind that to get adequate insect kills with surface sprays, results depend entirely on the amount of insecticide deposited on areas with which insects will come in contact - consequently spray legs, boots, tunnels, pits and all possible insect breeding places, including ceilings and walls, with sufficient material to wet all areas thoroughly.

### AS A GRAIN SURFACE SPRAY

Level the grain surface and spray with HI-PO '22' SPRAY at the rate of one and one-half (1½) gallons per 1,000 square feet. Apply before and after fumigation to prevent moths and other insects from webbing over and infesting the grain. Repeat every 4 to 6 weeks or as infestation reappears. Use a hand or electric sprayer for uniform distribution.

### AS A SPACE SPRAY OR MIST

Use a good steam, compressed air, or electric sprayer designed to deliver a fine mist. Operate sprayer until one (1) gallon of spray has been discharged for each 32,000 cubic feet. Move sprayer about room during operation to assure good distribution of mist. The success from the use of space sprays for control of flying insects depends on proper steamization of the spray. Treat all infested space thoroughly with a heavy fog, keep rooms closed for thirty minutes then, if possible, sweep up fallen insects and burn them.

#### NOTICE

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1015-34

ACCEPTED  
Jul 13 1967  
UPON THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTER-  
ED UNDER NO. .... SUBJECT  
TO ATTACHED COMMENTS.