



Use: - To kill free adult cigarette beetles and tobacco moths in warehouses storing unfinished tobacco.

Rate: - For 1 mg. DDVP, actual per cubic foot  
 Use 1 gal. (U.S.) 5% DDVP SPRAY per 160,000 cubic feet or 0.8 fl. oz. 5% DDVP SPRAY per 1,000 cubic feet or 23.42 ml. 5% DDVP SPRAY per 1,000 cubic ft.

**CIGARETTE BEETLE CONTROL**

For 2 mg. DDVP, actual per cubic foot  
 or 1.6 fl. oz. 5% DDVP SPRAY per 1,000 cubic ft.  
 or 46.8 ml. 5% DDVP SPRAY per 1,000 cubic ft.

Method: - Applied by thermal or mechanical fog generators.

Application: - For use by trained personnel with apparatus in a door or window.

All personnel including operator must remain outside structure for a minimum of 10 hours.

Ventilate treated area when treatment is completed  
 Posting: - Before application and for 10 hours thereafter lock and post all entrances with warning signs. The posted signs should include: "Warning - DDVP treated - Positively no entrance - Red colored Poison, skull and crossbones symbol." After 10 hours, normal entry may be allowed.

Emergency Entry: - Treated areas may be entered for short periods of 10 to 20 minutes by wearing a mask or respirator of a type passed by the U.S. Bureau of Mines for DDVP. All other precautions mentioned on this label should be observed as well. Keep all unprotected personnel out.

**DANGER IN USING**

MOREHEAD 5% DDVP SPRAY is poisonous. Therefore precautions must be observed when it is handled.

Store the 5% DDVP SPRAY in a safe place. Children or animals must not be able to reach or handle this spray.

Transfer of 5% DDVP SPRAY from shipping container to measuring container or to fogger should be done outdoors or in a well ventilated room. Personnel should wear mask or

**DANGER IN USING (continued)**

respirator of a type approved by the U.S. Bureau of Mines for DDVP, natural rubber gloves, goggles, and waterproof protective clothing. Keep all unprotected persons out of operational area. Wash off the outside of measuring containers and equipment in running water and detergent before storing away.

Do not contaminate lakes or streams.

Do not contaminate feed, water, or foodstuffs.

that will be used immediately be prepared from the concentrate.

**DISPOSAL OF EMPTY CONTAINERS, SPILLAGE, AND SPRAY WASTES**

DISPOSAL - Empty containers awaiting disposal should be tightly closed and stored in a locked enclosure.

Prior to disposal, add 2 cups of detergent to empty 55 gal. drum, proportionately less for smaller containers, fill with water, agitate, and allow to soak for at least 24 hours.

Drain rinsings into a pit in the soil for a disposal area. The pit should be at least 18" deep. There should be no possibility of water run-off to a water supply.

Chop holes in top, bottom, and sides of container with a sharpened pickax so that the container cannot be reused. Container should then be buried.

SPILLAGE should be flushed with several rinsings of water mixed with detergent. Rinsings should be taken up with wiping cloths or other absorbent material. Personnel should wear natural rubber gloves. The used cloths or absorbent material should then be destroyed by burning or burying in the soil of a disposal area.

SPRAY WASTES should be drained into a pit at least 18" deep in a disposal area. Avoid any possibility of the spray waste being carried to a water run-off.



**MOREHEAD  
5% DDVP SPRAY**

ACTIVE INGREDIENTS	By Weight
Related Compounds	0.35%*
E. E. 1-trichloroethane	20.0%
Petroleum Distillate	75.0%

\*Equivalent to 5% DDVP

Total 100%

To Be Applied By Pest Control Operators Only

**DANGER**

KEEP OUT OF REACH OF CHILDREN



**POISON**



See Antidote, Other Warnings and Directions on Side Panels

E.P.A. Reg. No. 10692-1 Net Contents \_\_\_\_\_  
 Code No. \_\_\_\_\_

**MOREHEAD INDUSTRIES, Inc.**  
**Hopkinton, Mass. 01746, U.S.A.**



# MOREHEAD 5% DDVP SPRAY

### ACTIVE INGREDIENTS

By Weight

2, 2-dichlorovinyl dimethyl phosphate	4.5%
1, 1, 1-trichloroethane	20.0%
Petroleum Distillate	75.0%

\*Equivalent to 5% DDVP

Total 100%

To Be Applied By Pest Control Operators Only

**DANGER**

KEEP OUT OF REACH OF CHILDREN

**POISON**

See Antidote, Other Warnings  
and Directions on Side Panels

E.P.A. Reg. No. 10692-1 Net Contents \_\_\_\_\_  
Code No. \_\_\_\_\_

**MOREHEAD INDUSTRIES, Inc.**  
**Hopkinton, Mass. 01748, U.S.A.**

### DANGER

MOREHEAD 5% DDVP SPRAY is poisonous if swallowed, inhaled or absorbed through skin or eyes. Do not get on skin or eyes. Do not breathe fumes. Avoid exposure to fumes. Wear natural rubber gloves, waterproof protective clothing and goggles when handling the concentrate to prepare emulsions. Wear a mask or respirator of a type passed by the U.S. Bureau of Mines for DDVP. Keep all unprotected persons out of operational area.

In case of contact, wash immediately with soap and water before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse.

### ANTIDOTE AND FIRST AID TREATMENT

ATROPINE is the emergency antidote for MOREHEAD 5% DDVP SPRAY poisoning. 2-PAM is also antidotal and may be administered in conjunction with atropine. Consult your physician about obtaining an adequate supply of 1-100-grain atropine tablets for emergency use. CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING.

INTERNAL: If the material has been swallowed, induce vomiting immediately. This may be done by introducing a finger into the throat or by giving warm salt water (1 tablespoon of salt to a glass of water). NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

EXTERNAL: If the material has been spilled on the skin, immediately remove patient from the vicinity of the insecticide, remove all contaminated clothing and wash skin with soap and running water. If the material gets into the eyes, wash immediately with running water for at least ten minutes. IF WARNING SYMPTOMS APPEAR, Administer two 1-100-grain atropine tablets or 2-PAM immediately. NEVER ADMINISTER ATROPINE UNLESS WARNING SYMPTOMS APPEAR. (See WARNING SYMPTOMS on next column)

Keep out of eyes and mouth.  
Start artificial respiration immediately if patient is not breathing.

### NOTE TO PHYSICIAN

**WARNING SYMPTOMS:** Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pin-point pupils, salivation, nausea, vomiting, diarrhea and abdominal cramps.

**TREATMENT:** Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, atropine sulfate should be injected at 10-minute intervals, in doses of 1 or 2 milligrams, until warning symptoms have subsided.

Morphine is contraindicated.

Clear chest by postural drainage.

Observe patient continuously for 48 hours.

Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor.

Allow no further exposure until time for cholinesterase regeneration has been allowed as determined by blood test.

### DISCLAIMER

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given here-with.