### HAVILAND DDVP 1.4 E

(CONTAINS 1.4 LBS. VAPONA\* OR DDVP PER GALLON)

**ACTIVE INGREDIENTS:** 2,2-Dichlorovinyl Dimethyl Phosphate..... 15.72% Related Compounds..... 1.18% Petroleum Hydrocarbons..... 78.10% INERT INGREDIENTS:.... 4.00% TOTAL 100.00%

\*Vapona is the Registered Trademark of the Shell Chemical Company.

POISON

DANGER: Keep Out Of Reach Of Children

(See side panel for additional cautions)

USDA Reg. No.

HAVILAND AGRICULTURAL CHEMICAL CO. 1845 Sterling, N.W. Grand Rapids, Michigan

(Front Panel)

CAUTION: Keep Out Of Reach Of Children. Haviland DDVP is poisonous if swallowed, inhaled, or absorbed through skin or eyes. Do not get on skin, in eyes or on clothing. Do not breathe fumes. Avoid prolonged exposure to fumes. Wear natural rubber gloves, protective clothing and goggles when handling the concentrate to prepare eumulsions. Wear a mask or respirator of a type passed by the U.S. Department of Agriculture for Vapona protection. Keep all unprotected persons out of operational area. In case of contact, wash immediately with soap and water. Wash hands, arms and face thoroughly with soap and water before eating and smoking. Wash all contaminated clothing with soap and hot water before re-use.

Store the concentrate in a safe place. Children or animals must not be able to reach or handle the concentrate or diluted emulsion. It is recommended that only the amount of diluted emulsion he prepared from the concentrate that will be used immediately. Mix the concentrate into water outdoors or in a well ventilated room. Wash off the outside of the bottle of concentrate in running water before storing away. Do not contaminate feed or foodstuffs.

	AC	1					1	
1	AL	<b>.</b>		$\mathbf{P}$				
i				1	1			
1						-	-	

DEC 10 1958 595-304

Gal. Content

Toxic to fish and wildlife. Do not contaminate any body of water nor apply when conditions favor drift from the area treated.

#### ANTIDOTE

INTERNAL - If material has been swallowed, induce vomiting immediately by introducing a finger into the throat or by giving 1 tablespoon of salt in a glass of warm water and repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Call a physician immediately! EXTERNAL:- If material has been spilled on skin, immediately remove patient from the vicinity of the insecticide, remove all contaminated cothing, and wash skin with soap; and running water. For eyes, wash immediately with running water for at least 10 minutes and obtain medical attention.

### MIXING DIRECTIONS

To make a 0.5% solution, mix 4 fluid oz. (1/2 cup) of concentrate with 1 gallon of water. To make a 1.0% solution, mix 8 fluid oz. (1 cup) of concentrate with 1 gallon of water.

(Left Side of Panel)

الله الحد الحد الحد يحد يحد الحد بحد حدو الحد يحم بحو بحو يحو يحو بحو الح الله الحد الحد الحر الح الحا الحد الحر الحو

### RECOMMENDATIONS

<u>ANIMAL BUILDINGS</u> - (Horse Barns, Shelter Sheds and Dairy Barns, and Milk Sheds) to control Flies, Gnats, Mosquitoes, Roaches, Fleas, Ants, Sawbugs, and Brown Dog Ticks.

SURFACE SPRAY - Apply 1 qt. of a 0.5% solution or 1 pint of a 1.0% solution as a coarse wet spray per 1,000 sq. ft. For milk sheds, stables, livestock barns, loa fing sheds, pig pens and outdoor areas treat around doorways, feed storage rooms, alleyways and window sills. Do not contaminate milk, milking utensils or feed. In poultry houses, apply to manure, window sills, outside of penned enclosure and on floors of feed storage rooms. In treating dog kennels, apply to outside dog runways, window sills, and ledges. For control of fleas and brown dog ticks, increase dosage to 2 qts. pf a 0.5% or 1 qt. of a 1.0% solution per 1,000 sq. ft.

MIST OR FOG - Use 1 quart of the 0.5% solution or 1 pint of the 1.0% solution per 8,000 cu. ft. of space. Animals can be left in buildings provided they have not received a direct application within eight hours

Fly maggots control in maggot breeding areas such as <u>garbage dumps</u> and manure piles apply 0.5% solution at the rate of 1 to 2 qts. per 100 sq. f. Before applying in enclosed areas, remove animals from enclosures, and reduce air movements as much as possible by closing doors, windows and other openings. Do not treat animals or humans. Do not contaminate water, feed or fcodstuffs. Ventilate before allowing animals to re-occupy treated premises. Repeat as necessary.

- 2 -

### HAVILAND DDVP 1.4E

CUTDOOR AREAS - To control Flies, Mosquitoes, Gnats, and Other small Flying Insects, dilute 3 qts. of concentrate with 12 1/2 gals. of water or oil and apply as a fog or fine mist. Apply diluted solution of the material at the rate of 5 to 10 pints per acre. Do not treat areas where food or feed crops are growing.

# NON WARRANTY

3

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

( Right Side of Panel)

HAVILAND AGRICULTURAL CHEMICAL CO. 1845 STERLING, NW GRAND RAPIDS, MICHIGAN

## HAVILAND DDVP 1.4E

•