

WASATCH CHEMICAL COMPANY
SALT LAKE CITY, UTAH

7½% DDVP EMULSIFIABLE CONCENTRATE
Contains .5 lbs. of DDVP Per Gallon

ACTIVE INGREDIENTS:	
2,2-dichlorovinyl dimethyl phosphate.....	6.75%
Related Compounds.....	0.517%
Aromatic Petroleum Solvent.....	86.00
INERT INGREDIENTS:	6.74%
	TOTAL 100.00%

* Equivalent to 7.26% DDVP

ACCEPTED

JUL 16 1968

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTER-
ED UNDER NO. 168-306

0 POISON 0
X X

FOR PROFESSIONAL USE ONLY

DANGER: KEEP OUT OF REACH OF CHILDREN
SEE SIDE PANELS FOR OTHER CAUTIONS.
U. S. D. A. Reg. No. 168-306 Rev.

DIRECTIONS

RESIDUAL FLY SPRAY: Mix 12 tablespoons DDVP, plus 1 pound of sugar in 1 gallon of water (4 gallons in 50 gallons, plus 40 pounds of sugar) for residual spray.

FOR CATTLE, BEEF & DAIRY: For flies, (house fly, horn fly, stable fly, face fly) and mosquitoes mix 2-2/3 cups (4 gallons per 25 gallon solution) of DDVP per gallon of solution in water, or light spray oil to make a 1.0% solution. Apply 1 to 2 fluid ounces of 1.0% solution per animal as a mist spray daily with hand or automatic sprayer. Spray to cover all parts of the animal, including the legs, but do not wet the skin. Do not apply in excess of 2 fluid ounces per animal per day. For a bait spray, sugar may be added at the rate of 1 pound (2 cups) per gallon of 1.0% water emulsion spray.

ANIMAL BLDGS., - HOUSE BARN, DAIRY BARN, CALF BARN, SHELTER SHEDS, MILK SHEDS, MILK ROOMS, STABLES, PIG BARN, POULTRY HOUSES, DOG KENNELS AND OTHER FARM BLDGS. AND OUTDOOR AREAS: Flies, gnats, mosquitoes, roaches, fleas, ants, scowbugs, brown dog ticks. Mix 1-1/3 cups (2 gallons per 25 gallon solution) of DDVP per gallon of solution in water to make a 0.5% solution.

Apply DDVP insecticide as a coarse wet spray at the rate of one quart 0.5% water diluted emulsion per 1000 sq. ft. for milk sheds, milk rooms, stables, livestock barns, loafing sheds, pig pens, and outdoor areas. Treat around doorways, feed storage rooms, alleyways and window sills. Do not contaminate milk or milking utensils.

In poultry houses, apply to manure, window sills, outside of penned enclosures and on floor of feed storage rooms.

Treat outdoor living areas, picnic grounds, backyard areas, patios, loading docks, outdoor latrines, parking areas and refuse areas around service stations, open-air drive-ins, ice cream stands, garbage collection and disposal areas.

In treating dog kennels apply to outside dog runways, window sills and ledges. For control of fleas and brown dog ticks, increase dosage to two quarts 0.5% solution per 1000 sq. feet.

For control of fly maggots in maggot breeding areas, such as garbage dumps and manure piles, apply at the rate of 1 to 2 quarts of 0.5% solution per 100 sq. feet.

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Before applying in enclosed areas, reduce air movement as much as possible by closing doors, windows, and other openings. Repeat as necessary.

RESTAURANTS, SUPER MARKETS, CREAMERIES, DWELLINGS: Spray on side and around entrances and doorways, refuse areas, etc. where flies congregate with a solution of 1-1/3 cups (10 fluid ounces) DDVP per gallon.

FACE FLY ON DAIRY & BEEF CATTLE: Mix 1 pint of water with 3 pint of corn syrup and stir in 8 ounces (16 tablespoons) DDVP per gallon of water to make a 0.5% solution. Apply 6-8 mil. of mixture with small brush in a single 6 inch stroke to forehead of the animal. Treat animals daily each morning for 14 days after flies appear. After this time treat as needed.

DANGER: Keep out of reach of children.
"See Antidote Statement and other required Warning Statements on back panel."

HOUSEHOLD, RESTAURANTS, THEATRES, FOOD PROCESSING PLANTS, INDUSTRIAL PLANTS, WAREHOUSES: Mix 12 tablespoons per gallon (4 gallons in 10 gals.) of water and apply as a coarse wet spray where insects hide or congregate around baseboards, cracks, walls, floors, door and window frames, for flies, fleas, brown dog ticks, mosquitoes, wasps, gnats, flying moths, cockroaches, ants, spiders, silverfish, and small flying insects.

Remove animals and humans during spray operation and until spray dries. Do not contaminate food, water, food containers, or cooking utensils. Do not apply to areas which will be contacted frequently by children and do not allow them in treated areas until surfaces are dry. Keep out of reach of children. Do not contaminate feed, water or foodstuffs. Do not contaminate lakes and streams.

PRECAUTIONS IN USING

DDVP insecticide concentrate and the diluted emulsion are poisonous. Therefore, precautions must be observed when handling them.

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 be prepared from the concentrate that will be used immediately.

Mix the concentrate into water outside of the bottle of concentrate in running water before storing away.

This product will kill fish and wildlife. Keep out of any body of water. Apply this product only as specified on the label. Do not contaminate feed, water or foodstuffs.

Do not reuse empty drum. Return to drum reconditioner or destructor or perforating or crushing and burning in a safe place.

WARNING

DDVP insecticide concentrate is poisonous, if swallowed, inhaled or absorbed through the skin or eyes. Do not get on skin or in eyes. Do not breathe fumes. Avoid prolonged exposure to fumes. Wear natural rubber

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gloves, protective clothing, and goggles when handling the concentrate to prepare emulsion. Wear a mask or respirator of a type passed by the U. S. Department of Agriculture for DDVP insecticide. Keep all unexposed persons out of operational area.

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

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ANTIDOTE AND FIRST AID TREATMENT

Atropine is the emergency antidote for DDVP insecticide poisoning. 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 can 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 immediately. NEVER ADMINISTER ATROPINE UNTIL WARNING SYMPTOMS APPEAR. (SEE WARNING SYMPTOMS SECTION)

Keep patient prone and quiet.
Start artificial respiration immediately if patient is not breathing.
Transport the patient immediately to the nearest physician.

NOTE TO PHYSICIAN

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

TREATMENT: Atropine is the specific therapeutic antagonist of cholinergic parasympathetic nervous stimulation. If there are clinical parasympathetic stimulation, atropine sulfate should be injected at 10 minute intervals in a dose of 1 mg. until complete atropinization has occurred.

Morphine is contraindicated. Clear chest by postural drainage.
Observe patient continuously for 48 hours.
Repeated exposure to cholinesterase inhibitors may, without warning, cause death due to susceptibility to very small doses of any cholinesterase inhibitor.
Allow no further exposure until time for cholinesterase regeneration has been determined as determined by blood test.

NON-ABSORPTION: The surface of gallon is not liable for any injury or damage caused by this product due to puncture, nicking, or any other form of mechanical damage.