

RESTRICTED USE PESTICIDE

Due to Primary Eye, Primary Dermal and Acute Oral Toxicity

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

Prozap[®] Vapona 400E

**FOR AGRICULTURAL/COMMERCIAL USE ONLY.
NOT FOR SALE FOR ANY OTHER USES.**

ACTIVE INGREDIENT:

Dichlorvos (2,2-Dichlorovinyl dimethyl phosphate)*41.4%

INERT INGREDIENTS:**.....58.6%

TOTAL100.0%

*Equivalent to 44.5% DDVP Insecticide or 4 lbs./gal.

**Contains xylene range aromatic solvent.

EPA Reg. No. 5481-204-47000

EPA Est. No. 5481-CA-01

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO



POISON

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.

(If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID

Organophosphate

If in Eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on Skin or Clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If Swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
If Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.

EMERGENCY INFORMATION

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:

For Medical Emergencies phone:.....1-888-681-4261

For Transportation Emergencies including spill, leak or fire, phone: CHEMTREC[®].....1-800-424-9300

For Product Use Information phone.....1-888-462-6822

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Contains petroleum distillates. May pose and aspiration pneumonia hazard.

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

TREATMENT: Atropine is the specific therapeutic antagonistic 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 to 2 milligrams until complete atropinization has occurred. Morphine is contraindicated. 2-PAM is also antidotal and may be administered in conjunction with atropine. Clear chest by postural drainage. Repeated exposure to cholinesterase inhibitors may without warning cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until cholinesterase regeneration has been allowed as determined by blood test.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS and DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage. Causes skin burns. Do not get in eyes, on skin or on clothing. May be fatal if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Avoid breathing vapor or spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, Loaders, Applicators and other handlers must wear:

- Protective eyewear (goggles or face shield)
- Coveralls worn over long-sleeved shirt and long pants
- Chemicalresistant footwear and socks
- Chemicalresistant gloves (barrier laminate or Viton®)
- Chemical resistant apron when mixing, loading or cleaning equipment
- Chemical resistant headgear for overhead exposure
- A NIOSH-approved respirator with an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number TX-23C) or, a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or an organic vapor-removing cartridge or canister with any N, R, P, or HE prefilter.

USER SAFETY REQUIREMENTS

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrated. Do not reuse them.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on treated area. Do not apply when bees are visiting ornamentals, weeds, or other vegetation blooming in the treatment area. Application should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame.

DIRECTIONS FOR USE

Restricted Use Pesticide

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

RESTRICTIONS:

- Do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Do not enter or allow others to enter until sprays have dried.
- Only protected handlers wearing specified PPE may be in the area during application. When applying as a fog or mist indoors, equipment must be operated remotely. Handlers may not be present in an indoor area being fogged or misted during application.
- Do not apply this product through any type of irrigation system
- Use in hand held fogger or hand held smoke generator equipment is prohibited.
- Use in residential sites as a crack and crevice or space spray is prohibited.
- Use on lawns, turf or ornamentals is prohibited.

USE IS PROHIBITED IN:

- **Food/feed manufacturing establishments:** bottling plants (including wineries, breweries, soft drinks), frozen food/feed (including pizza plants and ice cream plants) excluding non-food/feed manufacturing areas.
- **Food/feed processing establishments:** meat, poultry and seafood slaughtering and/or packing plants (including edible fats and oils), frozen food/feed plants (including fruit and vegetables), dairy product plants (including milk processing plants) excluding non-feed processing areas.

POSTING AND RE-ENTRY RESTRICTIONS

NOTIFICATION: Before the start of the application, post fumigant warning signs at all entrances to the building. The signs must bear the skull and crossbones symbol and state: (1) "DANGER/PELIGRO", (2) "Building under fumigation, DO NOT ENTER/NO ENTRE", (3) the date and time of fumigation, (4) "Prozap Vapona 400E Fumigant in use", and name, address, and telephone number of the applicator. The signs must be located prominently at each entrance, using a sign size and letter size that makes the sign clearly legible. All signs must be removed after the ventilation is complete and before routine entry by unprotected persons is permitted. Entry by any person – other than a correctly trained and equipped handler who is performing a task related to ventilation or air concentration monitoring and who is wearing the personal protective equipment required for handlers – is **PROHIBITED** in the entire enclosed structure/building from the start of application until ventilation is complete. Ventilation is complete either when 24 hours have elapsed following application and the building has been opened and aired or when a direct-indication short term concentration monitoring device (e.g. Draeger tube) indicates that the DDVP air concentration is equal to, or less than 0.050 ppm (5% of the OSHA PEL).

OUTDOOR PEST CONTROL

FOGGING AND MISTING

Outdoor Areas, Picnic Areas, Backyard Areas, Patios, Loading Docks, Outdoor Latrines, Parking Areas, Refuse Areas around Service Station, Open-Air Drive-Ins, Garbage Collection and Disposal Areas. **USE ON LAWN, TURF AND ORNAMENTALS IS PROHIBITED.**

For flies, mosquitoes, gnats

MIXING RATE: Use a 1 % fogging or misting solution by mixing 1 quart with 12 gallons of water or 1 quart with 14 gallons of light mineral oil, vegetable oil, or diesel oil.

HOW TO APPLY: Apply the 1% fogging solution with fogging apparatus or mist blowers at the rate of 5 to 10 pints per acre (equivalent to 0.05 to 0.10 pound DDVP insecticide per acre). Do not treat areas where food or feed crops are growing. Use in a way to minimize drift onto sensitive areas. Do not treat more than 5 application sites per day and do not make DDVP applications more than once a week.

AS A SPRAY

For the control of flies, gnats, mosquitoes, roaches, fleas, ants, sowbugs and brown dog tick, use a 0.5% spray solution by mixing 1 pint of this product with 12 gallons of water or 1 pint in 14 gallons of light mineral oil, vegetable oil, or diesel oil. Apply as a coarse, wet spray at the rate of 1 quart per 1,000 sq. ft. Do not treat animals or humans. Do not contaminate water, food, food containers or cooking utensils. Repeat as necessary. This product may be used as a 1% or 3% fog or mist solution to control flies, mosquitoes, wasps, gnats and other small flying insects in outdoor areas. Do not treat more than 5 application sites per day and do not make DDVP applications more than once a week.

MANURE PILES, GARBAGE DUMPS

For the control of fly maggot breeding areas, apply at the rate of 1 to 2 quarts of 0.5% spray solution per 100 sq. ft. Use 1 quart of 1% solution.

NOT FOR USE IN OR AROUND RESIDENTIAL SITES.

For garbage dumps, do not treat or than 5 application sites per day and do not make DDVP applications more than once per week.

DOG KENNELS

Apply to outside dog runways, window sills and ledges at the rate of 1 quart of 0.5% spray solution per 1,000 sq. ft. For the control of fleas and brown dog ticks, increase dosage to 2 quarts of 0.5 % spray per 1,000 sq. ft. **NOTE:** Remove dogs and cover or remove feed and water before treating. **NOT FOR USE IN OR AROUND RESIDENTIAL SITES.** Do not treat more than 5 application sites per day and do not make DDVP applications more than once per week.

ANIMAL BUILDINGS

Horse Barns, Dairy Barns, Shelter Sheds, Milk Sheds, Pig Pens, Outdoor Areas.

NOT FOR USE IN OR AROUND RESIDENTIAL SITES.

AS A SPRAY: For flies, gnats, mosquitoes, roaches, fleas, ants, sowbugs and brown dog ticks.

MIXING RATE: Use a 0.5% spray solution by mixing 1 pint of this product with 12 gallons of water.

HOW TO APPLY: Apply as a coarse wet spray at the rate of 1 qt. per 1,000 sq. ft. Spray around doorways, feed storage rooms, alleyways and window sills. Do not contaminate milk or milking utensils. Do not treat animals or humans. Do not contaminate water, feed or foodstuffs. Applications may be repeated as necessary. Animals may be present during treatment. In poultry houses apply to manure, window sills, outside of penned enclosures and on the floor of feed storage rooms.

CATTLE FEED LOTS, STOCKYARDS, HOLDING PENS, CORRALS NOT FOR USE IN OR AROUND RESIDENTIAL SITES

For flies, gnats and mosquitoes.

MIXING RATE: Use a 0.5% DDVP solution by mixing 1 pint of this product with 12 gallons of water.

HOW TO APPLY: Apply with a mist blower or other suitable equipment as an overall application at the rate of 0.2 pound of Technical DDVP per acre (approximately 5 gallons of the 0.5% solution). Particular attention should be given to areas where flies congregate such as fences, spillage areas, around feed bunks, and walls of buildings. Animals may be present during treatment. Do not apply directly to exposed feed or water.

**DAIRY AND BEEF CATTLE APPLICATIONS
NOT FOR USE IN OR AROUND RESIDENTIAL SITES.
AS A SPRAY**

For horn flies, stable flies, face flies, house flies and mosquitoes.

MIXING RATE: Use a 1.0 % DDVP solution by mixing 1 quart of this product with 12 gallons of water.

HOW TO APPLY: Apply 2 fl. oz. of mix per animal daily as a mist with an 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. Do not make direct application to livestock more frequently than once per day. Do not apply within 1 day of slaughter (PSI – 1 day). For horn flies, direct the spray to the backline, withers and belly. For face flies, spray the forehead taking care to avoid getting spray in eyes. **IMPORTANT PRECAUTIONS:**

Do not apply to young calves under 6 months old. After treating dairy cattle, wash the teats with an approved cleaning solution and then dry them prior to milking. Do not treat sick or convalescing animals. Do not treat Brahman-cross cattle, as they may show hypersensitivity to organophosphate insecticides. Do not apply dermally in conjunction with Trichlorfon and do not use on animals simultaneously or within a few days before or after treatment with, or exposure to, cholinesterase inhibiting drugs, pesticides or chemicals.

INDOOR PEST CONTROL

Re-entry Restrictions – Do not allow people or pets to enter the treated area until sprays have dried.

INDUSTRIAL PLANTS, WAREHOUSES, SILOS AND BULK BINS, FOOD/FEED PROCESSING PLANTS, FOOD/FEED MANUFACTURING, HANDLING AND STORAGE PLANTS AND NON-FOOD/FEED AREAS OF PROCESSING AND MANUFACTURING PLANTS.

USE IS PROHIBITED IN:

- **Food/feed manufacturing establishments:** bottling plants (including wineries, breweries, soft drinks), frozen food/feed (including pizza plants and ice cream plants) excluding non-food/feed manufacturing areas.
- **Food/feed processing establishments:** meat, poultry and seafood slaughtering and/or packing plants (including edible fats and oils), frozen food/feed plants (including fruit and vegetables), dairy product plants (including milk processing plants) excluding non-food/feed processing areas.

AS A FOG OR MISTING

For flies, ants, roaches and silverfish make a 1.0% fogging or misting solution by mixing 1 quart with 12 gals. of water or 14 gals. of light mineral oil, vegetable oil, or diesel oil. Apply at the rate of 1 gallon of 1% fogging solution per 64,000 cubic feet (1 pint per 8,000 cubic feet). When fogging for control of roaches, ants and silverfish, the fog should be directed into hiding places.

For stored product insects including Indianmeal moth, red flour beetle, confused flour beetle, sawtoothed grain beetle, merchant grain beetle, cigarette beetle, drugstore beetle and granary weevil prepare a 5% Fogging or Misting Solution by mixing 5 quarts with 11 gals. of water or 13 gals. of light mineral oil, vegetable oil, or diesel oil and apply at the rate of

0.8 to 1.6 fluid ounces per 1,000 cubic feet. One pint of the 5% fogging or misting solution will treat 10,000 to 20,000 cubic feet.

Keep a minimum of a 7-day interval between application except on cocoa beans and raw (unshelled) peanuts where daily applications do not exceed 0.4 fluid ounces of product per 1,000 cubic feet of head space.

HOW TO APPLY – Apply with remotely operated fogging or misting equipment at the rates given above. When using in food processing, handling and storage areas: A. Apply only when the building being treated is unoccupied, not in operation and when no food products are exposed. If bulk, unpackaged foods are exposed, remove or cover before treatment begins. B. All food processing surfaces should be covered during treatment or thoroughly cleaned before using. Building treated must be closed and ventilation kept at a minimum during application. Lock all entrances and do not allow workers to enter buildings during treatment. Do not allow unprotected workers to enter buildings during ventilation.

NOTIFICATION: Before the start of application, post fumigant warning signs at all entrances to the building as directed in the Posting and Re-Entry Restrictions. Do not make applications when temperatures are below 60°F. After application open several windows and doors to create air currents to insure reductions of the insecticide vapors.

NOTE: The solvent and/or the active ingredient in this product may stain certain plastic, rubber, asphalt and/or carpeted floor coverings. **DO NOT TREAT NOR ALLOW THIS PRODUCT TO COME IN CONTACT WITH SUCH SURFACES OF FLOORS, CARPETS OR RUGS SIN DAMAGE MAY OCCUR.**

ANIMAL BUILDINGS

Horse Barns, Dairy Barns, Shelter Sheds, Milk Shed, Piggens. **NOT FOR USE IN OR AROUND RESIDENTIAL SITES.**

AS A SPRAY

For flies, gnats, mosquitoes, roaches, fleas, ants, sowbugs and brown dog ticks. **IMPORTANT:** Applicator must wear an approved respirator when using this product indoors and must vacate the area after treatment. See Hazards to Humans and Domestic Animals paragraph.

MIXING RATE: Use a 0.5% spray solution by mixing 1 pint of this product with 12 gallons of water.

HOW TO APPLY: Apply as a coarse wet spray at the rate of 1 quart per 1,000 sq. ft. Before applying in enclosed areas, reduce air movement as much as possible by closing doors, windows and other openings. Spray around doorways, feed storage rooms, alleyways and window sills. Do not contaminate milk or milking utensils. Do not treat animals or humans. Do not contaminate water, feed or foodstuff. Repeat as necessary. Animals may be present during treatment. In poultry houses, apply to manure, window sills, outside of penned enclosures and floor of feed storage rooms.

AS A FOG OR MISTING

For Flies, gnats, and mosquitoes.

IMPORTANT PRECAUTIONS: Remove animals before fogging. Applicator must exit area to be treated prior to operating fogging or misting equipment remotely. . Keep area closed for at least 10 minutes to kill resting adult flying insects. After treatment, the area should be opened up and ventilated prior to reoccupying by humans or animals. Ventilation is complete either when 24 hours has elapsed following application and the building has been opened and aired or when a direct-indication short-term concentration monitoring device (e.g. Draeger tube) indicates that the DDVP air concentration is equal to, or less than, 0.050 ppm (50% of the OSHA PEL).

MIXING RATE: Use a 0.5% to 1.0 % fogging solution by mixing 1 pint of this product with 14 gallons of light mineral oil, vegetable oil, or diesel oil for 0.5% and for 1.0% dilute 1 quart per 14 gallons of light mineral oil, vegetable oil or diesel oil.

HOW TO APPLY: Apply with remotely operated fogging or misting equipment at the rate of 1 quart of the 0.5% solution or 1 pint of the 1.0% solution per 8,000 cubic feet. Before applying, reduce air movement as much as possible by closing doors, windows and other openings. Do not contaminate water, feed or foodstuffs, milk or milking utensils. Do not use in areas where animals have received direct applications of DDVP within 8 hours.

FOR BAITED SOLUTION: Sugar may be added at the rate of 1 pound per gallon of the 1.0% solution. To use for control of face flies, apply approximately 3 ml of this to the forehead of the animal by making a single 6-inch stroke with a paintbrush. Treat in morning while dairy animals are in the barn.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in original container in a cool, dry, locked place out of reach of children.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance.

CONTAINER DISPOSAL:

For plastic containers 5 gallons or less: Nonrefillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For metal containers 5 gallons or less: Nonrefillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drop. Repeat this procedure two more times. Then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label: (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states under all conditions.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FOR HEREIN. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF PERFORMANCE. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW MANUFACTURER OR SELLER SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

Chem-Tech, Ltd. offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by and authorized representative of Chem-Tech, Ltd.

For non-emergency (e.g. current product information)
call: **1-800-621-8829**

**1006 North Highway 5
Pleasantville, IA 50225**

Optional Marketing Statements: VAPONA

Emulsifiable Concentrate
Use on Beef & Dairy
Cattle and their premises
Controls flies, mosquitoes
and gnats

Code (NA.RL.) NI.RL.

Item No.: 0176010
Net Contents: 2.5 gallons
UPC: 098453164509
Format:
Label:

**Manufactured For:
Chem-Tech, Ltd.**