

PROZAP®

# Beef & Dairy RTU

with VAPONA

**READY-TO-USE**

- ⊕ *For control of flies, gnats, and mosquitoes*
- ⊕ *For use on cattle, goats, horses, sheep, and swine*

**Active Ingredient:**

Dichlorvos (2,2-dichlorovinyl dimethyl phosphate)\*.....1.0%

**Other Ingredients\*:**.....99.0%

**TOTAL**.....100.0%

\*Contains petroleum distillates

EPA Reg. No. 47000-114

EPA Est. No. 47000-IA-01, 61282-WI-01, 66171-CA-001, 66171-TN-001  
(First letter of batch number indicates establishment)

## KEEP OUT OF REACH OF CHILDREN WARNING

See back panel and inside booklet for First Aid, additional Precautionary Statements, and complete Directions for Use

**⚠ ATTENTION:** This product can expose you to chemicals, including Dichlorvos (DDVP, CAS No. 62-73-7), which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



L5314-0318



**Net Contents:**  
1 gal. (3.78 L)

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### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** May be fatal if absorbed through the skin. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

#### Personal Protective Equipment (PPE)

Mixers, loaders, applicators and other handlers must wear:

- Coverall over short-sleeved shirt and short pants,
- Socks and chemical-resistant footwear,
- Chemical-resistant gloves made of barrier laminate or Viton,
- Goggles or face-shield,
- Chemical-resistant headgear for overhead exposure, and
- A NIOSH-approved respirator with:
  - An organic vapor-removing cartridge with a pre-filter 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 R, P, or HE pre-filter.
- Chemical-resistant apron when mixing, loading, or cleaning equipment.

#### User Safety Requirements

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

#### User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing them. 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 wash waters or rinsate.

#### PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use, pour, spill, or store near heat or open flame.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**READ THIS LABEL:** Read this entire label and follow all Use directions, use restrictions, and precautions.

#### USE RESTRICTIONS

- Not for use in Residential Sites.
- Do not contaminate water or foodstuffs. Do not contaminate milk or milking equipment. Do not apply in areas where animals have received a direct application of DDVP within 8 hours. Care should be taken that the spray does not come in direct contact with the lactating dairy cow's teats unless they are washed with an approved cleansing solution and dried before milking. Brahman and Brahman-cross cattle should not be treated, as they show hypersensitivity to organophosphates.
- Do not apply to calves under 6 months of age.
- Do not contaminate food crops.
- Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected workers, wearing specified PPE, may be in the area during applications.

**In California:** A 24-hour re-entry interval is required following the use of this product in warehouses, farm/animal buildings, and other enclosed spaces.

#### APPLICATIONS

**Do not make direct application to livestock more frequently than once per day.**

#### FOR LIVESTOCK USE (Beef and Dairy Cattle, Goats, Horses, Sheep, and Swine)

##### For control of Horn flies, House flies, Stable flies, and Face Flies:

Apply 1 to 2 fl. oz. of Prozap Beef & Dairy RTU per animal as a mist spray daily with hand or automatic sprayer. Use lower rates for smaller animals. Apply spray so as to wet hair. Cover the animal with spray, paying particular attention to the animal's back, flanks, legs, and shoulders. Do not use in excess of 2 fl. oz. per adult animal. Apply proportionately less to smaller animals. Do not soak the skin or wet the hide.

#### FOR FOGGING – OUTDOOR USE

##### For control of Flies, Gnats, and Mosquitoes:

Use Prozap Beef & Dairy RTU in areas around farm buildings (farm yards), manure treatments on farm premises (dairy and farm premises), feed lots (areas around feed lots, stockyards, corrals, holding pens, fences, etc.), animal buildings (barns, feeding areas, shelters, and stables), dairy barns (milk rooms, equipment, and barn yards), livestock feed areas, pens, poultry droppings and poultry houses (equipment and yards). Apply 5 to 10 pints per acre (0.05 to 0.1 lbs. of actual dichlorvos) as a dense fog when wind is calm. Do not contaminate food crops. Avoid wetting foliage, as plant injury may occur. Do not use this solution for fogging in areas where animals have received a direct application of DDVP within 8 hours.

#### FOR FOGGING – INDOOR USE (Horse barns, Dairy barns, Shelters, Stables, Milk rooms, and Poultry houses)

##### For control of Flies, Gnats, and Mosquitoes:

Use 1 pint of Prozap Beef & Dairy RTU per 8,000 cu. ft. of space. Do not use this solution for fogging areas where animals have received a direct application of DDVP within 8 hours. Do not contaminate water, food or foodstuffs, and milk or milking utensils with Prozap Beef & Dairy RTU. Before applying, reduce air movement as much as possible by closing doors, windows, and other openings. Eliminate ignition sources such as pilot lights, fires, and open flames. Disconnect electrical power. Fog for 1 to 5 seconds per 1,000 cu. ft., but use no more than 1 gal. per 64,000 cu. ft. Do not fog into or near an open flame. Occupants should vacate premises before treatment begins and should not reoccupy the premises until it has been ventilated. Leave treated area closed for at least 15 to 30 minutes, and then open windows and doors to ventilate.

#### FOR USE IN ANIMAL BUILDINGS (Horse barns, Dairy barns, Shelters, Stables, Milk rooms, and Poultry houses)

##### For control of Flies, Gnats, Mosquitoes, Roaches, Fleas, Ants, Sow bugs, Brown dog ticks, Spiders, and Silverfish:

Apply as a coarse, wet spray using 1 pint per 1,000 sq. ft.

##### For Spiders and Silverfish:

Apply as a coarse, wet spray using 1 pint per 1,000 sq. ft. Treat around doorways, feed storage rooms, in alleyways, and around windowsills.

For control of Fly maggots in breeding areas:

Apply at the rate of 1 to 2 pints per 100 sq. ft.

#### FOR OUTDOOR AREAS (Farm premises, Feed lots, and Stockyards)

##### For control of Flies, Gnats, Mosquitoes, Roaches, Fleas, Ants, Sow bugs, Brown dog ticks, Spiders, and Silverfish:

Apply as a coarse, wet spray using 1 pint per 1,000 sq. ft. Avoid contact with desirable plants, as plant injury or loss may occur.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a cool, dry, and secure area in original container.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:**

**Non-refillable container.** Do not reuse or refill this container.

*If empty:* Place in trash or offer for recycling, if available.

*If partly filled:* Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

### DISCLAIMER

To the extent permitted by applicable law, Seller makes no representation or warranty, either express or implied, for results due to misuse, improper handling, or improper storage of this material. Nor does Seller assume any responsibility for injury to persons, crops, animals, soil, or property arising out of misuse, improper handling, or improper storage of this material.

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

L5314-0318

## FIRST AID

Contains an organophosphate that inhibits cholinesterase.

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

### NOTE TO PHYSICIAN

**POISONING SYMPTOMS:** Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive, pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps. Contains petroleum distillates. Vomiting may cause aspiration pneumonia. Probable mucosal damage may contraindicate the use of gastric lavage.

**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 mg, until complete atropinization has occurred. Pralidoxime chloride (2-PAM) may also be used as an effective antidote in addition to and while maintaining full atropinization. In adults, initial dose of 1g 2-PAM should be injected, preferably as an infusion in 250cc of saline over a 15- to 30-minute period. If this is not practical, 2-PAM may be administered slowly by intravenous injection as a 5% solution in water over not less than two minutes. After about an hour, a second dose of 1 g of 2-PAM will be indicated if muscle weakness has not been relieved. For infants and children, the dose of 2-PAM is 0.25 g. Morphine is an improper treatment.

Clear chest by postural drainage. Oxygen administration may be necessary. 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 cholinesterase regeneration has been attained, as determined by blood test.

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

For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318 (all other areas)

Manufactured by:  
Chem-Tech, Ltd.  
1006 Business Hwy 5  
Pleasantville, IA 50225 U.S.A.



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Chem-Tech, Ltd.  
1006 Business Hwy 5  
Pleasantville, IA 50225 U.S.A.

Chem-Tech, Ltd. is a wholly-owned  
subsidiary of Neogen Corporation



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