

**PROZAP<sup>®</sup>**

# Dairy Cattle Spray

**PYRETHRINS+VAPONA**

**Active Ingredients:**

Pyrethrins.....	0.05%
Piperonyl Butoxide*	0.10%
Dichlorvos (2,2-dichlorovinyl, dimethyl phosphate).....	0.50%
<b>Other Ingredients**:</b>	<b>99.35%</b>
<b>Total.....</b>	<b>100.00%</b>

\* (Butylcarbityl) (6-Propylpiperonyl) ether and related compounds

\*\* Contains Petroleum Distillates

EPA Reg. No. 47000-157

EPA Est. No. 47000-IA-01  
EPA Est. No. 61282-WI-01  
EPA Est. No. 66171-CA-001  
EPA Est. No. 66171-TN-001

(First letter of batch number indicates establishment)

**KEEP OUT OF REACH OF CHILDREN  
WARNING/ADVISO**

*See back panel and inside of leaflet for First Aid and additional Precautionary Statements*



L5132-0521

 **NEOGEN<sup>®</sup>**

**Net Contents:**  
2.5 gal. (9.464 L)

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## KEEP OUT OF REACH OF CHILDREN WARNING/AVISO

See attached label for additional Precautionary Statements and complete Directions for Use

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** Causes skin irritation. Do not get on skin or on clothing.

#### Personal Protective Equipment (PPE):

Mixers, loaders, applicators, and other handlers must wear:

- Long sleeved shirt and long pants;
- Shoes and socks;
- Chemical-resistant gloves such as barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, or Viton  $\geq$  14 mils;
- Chemical-resistant headgear for overhead exposure;
- Chemical-resistant apron when mixing, loading, or cleaning equipment; and
- A minimum of a NIOSH-approved elastomeric half mask respirator with organic vapor (OV) cartridges and a combination N1, R, or P filter; OR a NIOSH-approved gas mask with OV canisters; OR a NIOSH-approved powered air-purifying respirator with OV cartridges and combination HE filters.

#### 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 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. As soon as possible, wash thoroughly and change into clean clothing.

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

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and aquatic invertebrates. Drift and run-off may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through run-off. This product has a potential for run-off for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce run-off that contains this product. Do not apply to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by disposing of equipment wash waters or rinsate.

This pesticide is highly toxic to bees and other pollinating insects exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees or other pollinating insects are actively visiting the treatment area.

#### PHYSICAL OR CHEMICAL HAZARDS

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

#### FIRST AID Organophosphate

##### If on Skin or on Clothing:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for further treatment advice.

#### NOTE TO PHYSICIAN

**Probable mucosal damage may contraindicate the use of gastric lavage.** Contains petroleum distillate. May pose an aspiration pneumonia hazard.

**NOTE TO PHYSICIAN - POISONING SYMPTOMS:** This product is a cholinesterase inhibitor. Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive and 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. Causes skin irritation.

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)

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Keep product in its tightly closed original container. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals, in such a manner as to prevent cross contamination with other pesticides, fertilizers, food and feed.

**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 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.

#### Manufactured by:

Chem-Tech, Ltd.<sup>TM</sup>  
1006 Business Hwy 5  
Pleasantville, IA 50225 U.S.A.

Chem-Tech, Ltd.<sup>TM</sup> is a wholly-owned subsidiary of Neogen<sup>®</sup> Corporation  
L5132-0521

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PEEL BACK HERE AND RESEAL AFTER OPENING

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### 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

- Do not apply in areas where animals have received direct application of DDVP within 8 hours.
- Use in residential sites is prohibited.
- Use on lawns, turf, or ornamentals is prohibited.
- For use as directed spray, except when applying to livestock: Do not enter or allow others to enter treated area until sprays have dried.
- For space spray or fog use: Do not enter or allow others to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.
- Do not remain in treated areas. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.
- Except when applying to livestock, do not apply this product in a way that will contact workers or other persons; either directly or through drift.
- Except when applying to livestock, only protected handlers may be in the area during application.
- Remove or cover exposed food and drinking water before application.
- Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces before application, or wash them before reuse.
- When used in dairy barns or facilities: Close milk bulk tanks to prevent contamination from spray and from dead or falling insects.
- Wash teats of animals before milking.
- Not for use in outdoor residential misting systems.
- Do not make direct application to livestock more frequently than once per day.
- Do not treat Brahman and/or Brahman cross cattle as they may show hypersensitivity to organophosphates.

### PRODUCT INFORMATION:

This is a dual-purpose formula designed to protect dairy and beef cattle from attacks of biting flies in barns and out in the pasture, and to function as an effective space spray for quick knockdown and kill of flies in barns.

### APPLICATION DIRECTIONS:

#### Animal Spray:

To develop a residual repellency to **stable flies, mosquitoes and gnats** on dairy cows.

**Apply** 1 to 2 ounces of this product to each animal for a three day period. The spray should be applied with a good hydraulic-type hand sprayer so that the animal's entire body has been uniformly covered. Special care should be used in spraying the legs, belly and shoulders. Avoid areas around the nose, eyes, and mouth. Avoid wetting the hide. Spray in the same manner again after two days have elapsed and every second day thereafter or when insects again disturb the animal. Claves should be sprayed very lightly once a day instead of when attempting to build up a residual repellency by spraying more heavily.

DO NOT treat Brahman and/or Brahman cross cattle as they may show hypersensitivity to organophosphates

For control of **lice** on livestock.

**Spray** animals with 2 ounces of this product. Immediately rub the spray into the hair (do not use bare hand), paying particular attention to infested areas. Repeated as necessary, but no more than once every three weeks.

(Directions for Use, continued)

**Space Spray for Barn Fly Control:**

To kill *flies, mosquitoes and gnats* in the barn prior to milking, close all doors and windows and direct the spray toward the ceiling. The barn should remain closed for 10 to 20 minutes. Sweep up and destroy fallen insects. Repeat as necessary, but no more than once per day. **Apply** at the rate of one ounce spray per 1000 cubic feet.

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**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. To the extent permitted by applicable law, Seller does not 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**

**FIRST AID**  
**Organophosphate**

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Item No. 1576010



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