

CHEM-TECH, LTD.

Wholly Owned Subsidiary of Neogen Corporation

Distributed by NEOGEN CORPORATION

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Every effort has been made to ensure the accuracy of the information published. However, it remains the responsibility of the readers to familiarize themselves with the product information contained on the USA product label or package insert.

PROZAP® DAIRY CATTLE SPRAY

Chem-Tech

SPECIMEN LABEL

An oil based livestock spray with rapid knockdown and high killing powers.

For use on dairy cows, in dairy barns and on beef cattle and horses for control of face flies, horn flies, stable flies, house flies, horse flies, mosquitoes and gnats.

| ACTIVE INGREDIENTS: | |
|--|---------------|
| Pyrethrin | 0.05% |
| *Piperonyl Butoxide | 0.10% |
| Dichlorvos (2,2-dichlorovinyl, dimethyl phosphate) | 0.50% |
| **OTHER INGREDIENTS: | 99.35% |
| TOTAL: | 100.0% |

* (butylcarbityl)(6-propylpiperonyl) ether and related compounds.

** Contains Petroleum Distillates

EPA Reg. No. 47000-157

EPA Est. No. 47000-IA-01

KEEP OUT OF REACH OF CHILDREN

WARNING

FIRST AID

Have Product Container or Label with You When Calling a Poison Control Center, Doctor or Going in for Treatment.

CONTAINS AN ORGANOPHOSPHATE THAT INHIBITS CHOLINETERASE

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.

If Swallowed:

- Call a poison control center, doctor, or **1-800-498-5743** immediately for treatment advice or transport the patient to the nearest hospital.
- Do not give any liquid to the patient.
- Do not administer anything by mouth to an unconscious person.
- Do not induce vomiting unless told to do so by the poison control center or doctor.

If Inhaled:

- 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.

If in Eyes:

- 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 further treatment advice.

NOTE TO PHYSICIAN: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

POISONING SYMPTOMS: 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 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 1 gram 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, a 2-PAM may be administered slowly by intravenous injection as a 5 percent solution in water over not less than two minutes. After about an hour, a second dose of 1 gram of 2-PAM will be indicated if muscle weakness has not been relieved. For infants and children the dose of 2-PAM is 0.25g. 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.

Causes skin irritation.

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

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

WARNING: Causes skin and eye irritation. Do not get on skin, in eyes or clothing. Harmful if swallowed.

Personal Protective Equipment (PPE):

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

- Coveralls 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.
- 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.
- Chemical-resistant apron when mixing, loading or cleaning equipment.

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions or 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. As soon as possible, wash thoroughly and change into clean clothing.

California Proposition 65

This product contains Dichlorvos (DDVP, CAS No. 62-73-7), a chemical known to the State of California to cause cancer.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for runoff for several weeks after application. Poorly draining soils and soils where shallow water tables are more prone to produce runoff 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 washwaters or rinseate.

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

PHYSICAL OR CHEMICAL HAZARDS

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

DIRECTIONS FOR USE

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

READ THE LABEL: Read the entire label and follow all use directions, use restrictions and precautions.

GENERAL PRECAUTIONS AND USE RESTRICTIONS

Do not apply in areas where animals have received direct application of DDVP within eight (8) hours.

Use in residential sites is prohibited.

For use on lawns, turf or ornamental 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, or wash them before use.

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.

GENERAL

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.

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. Do not make direct application to livestock more frequently than once per day. Sprayed in the same manner again after two days have elapsed and every second day thereafter or when insects again disturb the animal. Calves should be sprayed very lightly once a day instead of when attempting to build up a residual repellency by spraying more heavily. Brahman and Brahman cross cattle should not be treated 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.

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. Do not remain in the treated areas and ventilate the area after treatment is complete. Do not use this solution for fogging or misting in areas where animals have received direction application of dichlorvos or other organophosphate within 8 hours.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry 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 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

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.

OR

LIMITED WARRANTY

To the extent permitted by applicable law, Neogen Corporation makes no warranty concerning uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label. To the extent by applicable law, Neogen Corporation shall not be liable for (1) any consequential, incidental or special damages related in any way to this product or its uses, or (2) any damages related in any way to resistance to pesticides.

OR

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

To the extent permitted by applicable law Manufacturer and Seller warrant that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law this warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Manufacturer, and Buyer and User assume the risk of any such use. To the extent permitted by applicable law, MANUFACTURER AND SELLER MAKE NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent permitted by applicable law, in no event shall Manufacturer or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT PERMITTED BY APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF THE MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.

Manufacturer and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitations of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Manufacturer.

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

Manufactured By: Chem-Tech, Ltd., 1006 North Highway 5, Pleasantville, IA 50225

Optional Marketing Statements: Ready to Use

VAPONA

Contains Vapona

Control of Flies, Gnats and Mosquitoes

For use on Cattle, Goats, Horses, Sheep and Swine

Made in the U.S.A.

Code (NU.RL.) NU.RL.

This specimen label is intended for use only as a guide in providing general information regarding the directions, warning and cautions associated with the use of this product. As with any pesticide, always follow the label instructions on the package before using.

| Net Contents: | Format: | Label: |
|-----------------------------|--------------------|--------|
| 1 gallon (3.785 liters) | 0 45446 00170 (9) | |
| 4 x 1 gallon (3.785 liters) | Interleaved 2-Of-5 | Case |
| 2.5 gallon (9.46 liter) | UPC-A | |
| 2 x 2.5 gallon (9.46 liter) | Interleaved 2-Of-5 | Case |

CPN: 1086044.1