

PROZAP[®]

Dairy Cattle Spray

PYRETHRINS+VAPONA

Active Ingredients:

Pyrethrins.....	0.05%
Piperonyl butoxide*	0.10%
Dichlorvos (2,2-dichlorovinyl, dimethyl phosphate).....	0.50%
Other Ingredients**:	99.35%
Total.....	100.00%

*Consists of (butylcarbityl) (6-propylpiperonyl) ether and other related compounds

** Contains petroleum distillates

EPA Reg. No. 47000-157

EPA Est. No. 47000-IA-01

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

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



L5132-1019



Net Contents:
2.5 gal. (9.464 L)

Prozap® Dairy Cattle Spray

**KEEP OUT OF REACH OF CHILDREN
WARNING AVISO**

EPA Reg. No. 47000-157

EPA Est. No. 47000-IA-01

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

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS

WARNING

Causes skin irritation. Do not get on skin or on clothing. Harmful if swallowed.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions of category "C" on an EPA chemical-resistance category selection chart in the Worker Protection Standard.

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

- Coveralls over short-sleeved shirt and short pants,
- Socks and chemical-resistant footwear,
- Chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber, or Viton,

a NIOSH-approved respirator with: - an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix 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

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 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. 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 directly 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 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, 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.

GENERAL PRECAUTIONS AND RESTRICTIONS

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

Use in residential sites is prohibited.

Use on lawns, turf, or ornamentals is prohibited.

For use as a 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 area has been thoroughly ventilated.

Do not remain in treated area. 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 tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application.

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 also 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 fluid 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. Spray 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 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 organic phosphates.

For control of lice on livestock, spray the animals with 2 fluid ounces of this product. Immediately rub the spray into the hair (do not use bare hand), paying particular attention to infested areas. Repeat as necessary, but not more frequently 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 towards the ceiling. The barn should remain closed for 10 to 20 minutes. Sweep up and destroy fallen insects. Repeat as necessary, but not more than once per day. Apply at the rate of one fluid ounce spray per 1,000 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 direct application of dichlorvos (DDVP) or other organophosphate within 8 hours.

STORAGE AND DISPOSAL

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

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.

NOTICE

It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness, or other unintended consequences, may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Chem-Tech, Ltd, the Manufacturer, or Seller. To the extent allowed by law, Chem-Tech, Ltd, the Manufacturer, or Seller shall not be liable for consequential, special, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer.

Except as expressly provided herein, Chem-Tech, Ltd, the Manufacturer, or Seller make no warranties, guarantees, or representations of any kind, either express or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to, merchantability, fitness for a particular purpose, use, or eligibility of the product for any particular trade usage. To the extent allowed by law, Buyer's or User's exclusive remedy, and Chem-Tech, Ltd's, the Manufacturer's, or Seller's total liability shall be for damages not exceeding the cost of the product.

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

FIRST AID

Contains an organophosphate that inhibits cholinesterase

If on Skin or on 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">• Immediately call a poison control center or doctor.• 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 ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment.
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.

Have the 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).

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.

TREATMENT: Atropine is the specific therapeutic antagonist 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 of 2-PAM should be injected, preferably as an infusion in 250 cc 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 gram of 2-PAM will be indicated if muscle weakness has not been relieved. For infants and children, the dose of 2-PAM is 0.25gram. 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.

Contains petroleum distillates. Vomiting may cause aspiration pneumonia.

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PEEL BACK HERE AND RESEAL AFTER OPENING