

47000-114

9/24 (2012)

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 24, 2012

Mr. Steve Rogosheske  
Chem-Tech, Ltd.  
4515 Fleur Drive, #303  
Des Moines, IA 50321

Subject: Amended Reregistration Label  
Product Name: Prozap Beef & Dairy RTU  
EPA Registration Number: 47000-114  
EPA Decision Number: 393437

Dear Mr. Rogosheske:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the reregistration of the referenced product in connection with the Dichlorvos RED and has concluded that your submission is acceptable.

**NOTE:** This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 10/21/2009

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Dana Pilitt, Ph.D. at (703) 305-7071 or via e-mail at [pilitt.dana@epa.gov](mailto:pilitt.dana@epa.gov).

Sincerely,



Mark Suarez  
Product Manager (13)  
Insecticide Branch  
Registration Division (7504P)

*Enclosures: Label stamped "Accepted", dated September 24, 2012  
Acute Toxicity Review, dated July 21, 2009  
Product Chemistry Review, dated September 22, 2011*

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# Prozap<sup>®</sup> Beef & Dairy RTU

Restricted Use Pesticide  
Due to eye and skin irritation

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

1% VAPONA or VAPONA (in red banner)

- READY TO USE
- CONTROL OF FLIES, GNATS & MOSQUITOES
- For use on Cattle, Goats, Horses, Sheep and Swine

**ACTIVE INGREDIENTS:**

Dichlorvos (2,2-dichlorovinyl dimethyl phosphate)* .....	1.0%
OTHER INGREDIENTS* .....	99.0%
<b>TOTAL</b>	<b>100.0%</b>

\*Contains petroleum distillate

<p><b>ACCEPTED</b></p> <p><b>SEP 24 2012</b></p> <p>Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 47000-114</p>
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**KEEP OUT OF REACH OF CHILDREN  
DANGER PELIGRO**

EPA Reg. No. 47000-114

EPA Est. No. 47000-IA-01

NET CONTENTS: \_\_\_\_\_

Mfg. By:  
Chem-Tech, Ltd.  
4515 Fleur Drive  
Des Moines, IA 50321

**FIRST AID**

<b>If in eyes:</b>	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.
<b>If on skin or clothing:</b>	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.
<b>If swallowed:</b>	Immediately call poison control center or doctor. Do not induce vomiting unless told to do so by poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
<b>If inhaled:</b>	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 advice.

For emergency information contact the National Pesticide Information Center at 1-800-858-7378.  
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.  
Contains an organophosphate that inhibits cholinesterase.

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 distillate. Vomiting may cause aspiration pneumonia.  
Probable mucosal damage may contraindicate the use of gastric lavage.

**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 milligrams 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 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 0.25gram. Morphine is an improper treatment.

Causes severe eye damage and skin burns.

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.

Contains petroleum distillate - Vomiting may cause aspiration pneumonia.

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

#### **DANGER**

Corrosive. Causes irreversible eye damage. Causes skin burns. May be fatal if absorbed through the skin. Harmful if swallowed. Do not get on skin, in eyes, or on clothing.

#### **Personal Protective Equipment (PPE)**

Mixers, loaders, applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants.
- Chemical-resistant gloves such as barrier laminate or viton
- Socks and chemical-resistant footwear.
- Goggles or face shield.
- Chemical-resistant headgear for overhead exposure.
- A NIOSH-approved respirator with: either 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 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 manufacture'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 products 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. 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.

#### **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.

**RESTRICTIONS**

Do not contaminate water or foodstuffs. Do not contaminate milk or milk equipment. Do not apply in areas where animals have received direct application of DDVP within eight (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 may show hypersensitivity to organophosphates. Do not apply to calves under six 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 application.

In California: A 24-hour reentry 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.**

**LIVESTOCK** (Beef and Dairy Cattle, Goats, Horses, Sheep and Swine): To control Hornflies, Houseflies, Stable Flies, Face Flies: Apply one (1) to two (2) fluid ounces of this product 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 with particular attention to the back, flanks, legs and shoulders. Do not use in excess of two (2) fluid ounces per adult animal. Apply proportionately less to smaller animals. Do not soak the skin or wet the hides.

**FOGGING OUTDOORS** – To control Flies, Gnats and Mosquitoes. Use in areas around farm buildings (farm yards); manure treatments on farm premises; dairy and farm premises; feed lots, including around feed lots, stockyards, corrals, holding pens, fences and etc.; animal buildings, including barns, feeding areas, shelters and stables; dairy barns (including milk rooms, equipment and barnyards); livestock feeding areas; pens; poultry droppings, poultry houses (equipment and yards). Outdoor fogging with this product should be limited to use by or under the direction of trained personnel. Apply five (5) to ten (10) pints per acre (0.05 to 0.1 pounds 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 areas where animals have received direct application within eight (8) hours.

**FOGGING INDOORS** – To control Flies, Gnats and Mosquitoes: Indoor fogging in animal buildings (Horse Barns, Dairy Barns, Shelters, Stables, Milk Rooms, and Poultry Houses). Use one pint per 8,000 cubic feet. Do not use this solution for fogging areas where animals have received direct application within eight (8) hours. Do not contaminate water, feed or foodstuffs, milk or milking utensils. 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 one (1) to five (5) seconds per 1,000 cubic feet, but use no more than one gallon per 64,000 cubic feet. Do not fog into or near an open flame. Occupants should vacate premises before treatment 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.

**ANIMAL BUILDINGS** (Horse Barns, Dairy Barns, Shelters, Stables, Milk Sheds, Poultry Houses): To control Flies, Gnats, Mosquitoes, Roaches, Fleas, Ants, Sowbugs, Brown Dog Ticks, Spiders and silverfish: Apply as a coarse wet spray using one (1) pint per 1,000 square feet. Spiders and Silverfish: Apply as a coarse wet spray using one (1) pint per 1,000 square feet. Treat around doorways, feed storage rooms, alleyways and windowsills. For control of Fly Maggots in maggot breeding areas, apply at the rate of one (1) to two (2) pints per 100 square feet.

**OUTDOOR AREAS SUCH AS FARM PREMISES, FEEDLOTS AND STOCKYARDS:** To control Flies, Gnats, Mosquitoes, Roaches, Fleas, Ants, Sowbugs, Brown Dog Ticks, Spiders and Silverfish: Apply as a coarse wet spray using one (1) pint per 1,000 square feet. Avoid contact with desirable plants as plant injury or loss may occur.

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**STORAGE AND DISPOSAL**

**STORAGE:** Do not use or store near heat or open flame. Keep product upright in original container, tightly closed. High temperatures may shorten shelf life of product.

**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 makes 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.