

9/24/2012



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: Rockland C-EM-DIE  
EPA Registration Number: 47000-164  
EPA Decision Numbers: 393482, 411026, 411672

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, Pyrethrins, and Piperonyl butoxide REDs 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 Any previously dated CSFs are superseded.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 10/19/2009

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 September 7, 2010  
Product Chemistry Review, dated April 9, 2010*

# Rockland C-EM-DIE

Editors note: Text in [brackets] are optional marketing statements, any or all of which may appear on the final printed label.

- [Kills and repels horn flies, houseflies, stable flies, house flies, mosquitoes and gnats.]
- [Synergized Ready-To-Use Solution]
- [Controls Flies, Gnats & Mosquitoes]
- [For Use on Cattle, Horses, Barns or Stables]
- [Fog or Spray]
- [.25% Vapona]
- [.25% Vapona with Synergized Pyrethrins]
- [Pyrethrins – Vapona]

ACCEPTED

SEP 24 2012

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 47000-164

**ACTIVE INGREDIENTS:**

Pyrethrins .....	0.034%
*Piperonyl butoxide .....	0.277%
Dichlorvos (2,2-dichlorovinyl, dimethyl phosphate) .....	0.250%
+OTHER INGREDIENTS: .....	99.439%
TOTAL	100.000%

- \*Consists of (butylcarbityl) (6-propylpiperonyl) ether and related compounds.
- +Contains petroleum distillate.

## KEEP OUT OF REACH OF CHILDREN WARNING ADVISO

FIRST AID	
If on skin or clothing:	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:	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.
If inhaled:	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:	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.
<p>Contains an organophosphate that inhibits cholinesterase. For emergency information contact the National Pesticide Information Center at 1-800-858-7378.</p> <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	
<p><b>Note to physician:</b> POISONING SYMPTOMS: Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive, pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps. Causes skin irritation.</p>	

**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 mgs. 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.

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  
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 "E" 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 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.

**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 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 the 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 by disposing of equipment washwaters or rinsate.

This product 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, 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**

For space spray 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.

For application by space spray or fogger:

NOTIFICATION: Before the start of the application, post fumigant warning signs at all entrances to the building. The signs must bear the skull and crossbones symbol and state: (1) "DANGER/PELIGRO" (2) "Building under fumigation, DO NOT ENTER/NO ENTRE," (3) the date and time of fumigation, (4) "DDVP (or use brand name) Fumigant in use," and telephone number of the applicator. The signs must be located prominently at each entrance, using a sign size and letter size that makes the sign clearly legible. All signs must be removed after the ventilation is complete and before routine entry by unprotected persons is permitted.

Entry by any person – other than a correctly trained and equipped handler who is performing a task related to ventilation or air concentration monitoring and who is wearing the personal protective equipment required for handlers – is PROHIBITED in the entire enclosed structure/building from the start of application until ventilation is complete. Ventilation is complete either when 24 hours have elapsed following application and the building has been opened and aired or when a direct-indication short-term concentration monitoring device (e.g. Draeger tube) indicates that the DDVP air concentration is equal to, or less than 0.050 ppm (50% of the OSHA PEL).

For use as a direct spray: Do not allow other to enter treated area until sprays have dried.

Do not apply this product in a way that will contact workers or other persons either directly or through drift. Only handlers wearing specified PPE may be in the area during application.

Not for use in outdoor residential misting systems.

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

Use in residential sites as a crack and crevice or space spray is prohibited.

Use on lawns, turf or ornamentals is prohibited.

For direct application to non-domestic animals/livestock: Do not apply more than 1 time per day.

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.

Brahman and Brahman cross cattle should not be treated as they may show hypersensitivity to organic phosphates. Do not apply to calves under six months of age.

#### **FOR DAIRY AND BEEF CATTLE AND HORSES:**

To protect livestock from face flies, houseflies, stable flies, mosquitoes and gnats apply 1 to 2 ounces of VIP SPRAY to each animal. Cover the animal with spray paying particular attention to the back, flanks, legs, belly and shoulders. Do not use in excess of two (2) ounces per adult animal. Apply proportionately less to smaller animals. Do not soak the skin or wet the hide. Do not make direct application to livestock more frequently than once per day. 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 organic phosphates.

**FOR BARN, MILK ROOMS AND STABLES:**

When used as a space spray, close all doors and windows and direct the spray towards the upper portion of the enclosure until area is filled with a fine mist. Apply at the rate of two (2) ounces spray per 1,000 cubic feet. If a coarse spray is used, apply wherever flies congregate or alight, until surfaces are moistened. The enclosure should remain closed for 10 to 20 minutes. Repeat as necessary, but no more than once per day. 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 or other organophosphate within 8 hours. Do not contaminate water, feed or foodstuffs, milk or milking utensils.

**POULTRY HOUSES:**

To control Chicken Mites. Empty nests before spraying. Spray roosts at the rate of 1-2 ounces per 100 square feet paying particular attention to all cracks and crevices and other hidden places. Thoroughly clean the premises before spraying as this will help in controlling mites. Spray entire interior of the coop and house thoroughly. Do not remain in the treated areas and ventilate the area after treatment is complete. Do not contaminate feed or water when spraying. Repeat application in about 2 weeks if necessary.

**STORAGE AND DISPOSAL**

Prohibitions: 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 DISPOSAL:** Non-refillable container. If empty: Do not reuse this container. 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 consistent with applicable 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. Except as warranted by this label, 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 or use of the product, including, but not limited to, merchantability, fitness for a particular purpose or use, or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, buyer's or user's exclusive remedy, and Chem-Tech, Ltd's, the manufacturer's or seller's total liability shall be limited to damages not exceeding the cost of the product.

**EPA Reg. No. 47000-164****EPA Est. No. 47000-IA-01**

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

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