

85063-1

12/29/2008

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division
(7511C)
1200 Pennsylvania Avenue NW
Washington, DC 20460

EPA Reg. Number:
85063-1

Date of issuance:
DEC 29 2008

Unconditional

Term of issuance:

Name of Pesticide Product:

Ethylene Release
Canister ERC

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Balchem Corporation
P.O. Box 600
New Hampton, N.Y. 10958

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA Sec. 3(c)(5) provided you:

1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA section 3(c)(5) and section 4 when the Agency requires all registrants of similar products to submit such data.
2. Revise the EPA Registration Number to read, "EPA Reg. No. 85063-1."
3. Submit three (3) copies of the revised final printed labeling before you release the product for shipment.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

Michael McDavit

Date:

12-29-08

Michael McDavit, Associate Director,
Biopesticides and Pollution Prevention Division

CONCURRENCES

SYMBOL	EPA Form 8570-6						
SURNAME	Bajceland	7511C					
DATE	12/23/08	Hobbs					

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BALCHEM CORPORATION

ETHYLENE RELEASE CANISTER™

ERC™

Active Ingredient: Ethylene..... 99.5%
 Other Ingredients: 0.5%
 Total: 100.0%

Net weight: (check one)

0.05 oz (1.5 g) 0.12 oz (3.5 g)
 0.07 oz (2.0 g) 0.14 oz (4.0 g)
 0.09 oz (2.5 g) 0.16 oz (4.5 g)
 0.11 oz (3.0 g) 0.18 oz (5.0 g)

DANGER

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

PELIGRO

**KEEP OUT OF REACH OF CHILDREN
 EXTREMELY FLAMMABLE –
 DO NOT USE NEAR FLAME**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170.

SEE PACKAGE INSERT FOR DIRECTIONS FOR USE, STORAGE AND DISPOSAL.

FIRST AID

IN ALL CASES OF OVEREXPOSURE GET MEDICAL ATTENTION IMMEDIATELY. TAKE PERSON TO A DOCTOR OR EMERGENCY TREATMENT FACILITY AT ONCE.

IF INHALED - Move person to fresh air if person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

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 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. Call a poison control center or doctor for treatment advice.

HOTLINE NUMBER- Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

Distributed and manufactured by:
 Balchem Corporation
 P.O. Box 600 New Hampton, NY 10958
 Tel: 845-326-5611 Fax: 845-326-5706

EPA Reg. No. 85063-
 EPA Est. No. 36736-SC-01

Made in the U.S.A.

PRECAUTIONARY STATEMENTS

Danger. Liquefied or pressurized gas can cause frost burns. Do not get in eyes or on skin. Wear long-sleeved shirt, long pants, boots, goggles and chemical resistant gloves while handling cylinders or any application equipment under pressure. Harmful if inhaled. Avoid breathing vapors. Wear either a supplied-air respirator with NIOSH approval preface TC-19C, OR a self contained breathing apparatus (SCBA) with NIOSH approval number TC-13F. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Wear long-sleeved shirt, long pants, boots, goggles, and chemical resistant gloves while handling any application equipment under pressure. For handling activities in enclosed areas, use a supplied-air respirator with NIOSH approval preface TC-19C, OR a self contained breathing apparatus (SCBA) with NIOSH approval number TC-13F. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

PHYSICAL OR CHEMICAL HAZARDS:

Extremely flammable. Contents under pressure. Keep away from fire, sparks, and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130 degrees Fahrenheit may cause bursting.

LEAK - In case of leak, evacuate area and keep personnel upwind. Shut off all sources of ignition. Use self-contained breathing apparatus and protective clothing and shut off leak if without risk.

FIRE - In case of fire, move container away from fire if without risk. Use water spray or fog nozzle to keep container cool.

ENVIRONMENTAL HAZARDS:

For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters or rinsate.

ACCEPTED

DEC 29 2008

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

85063-1

BALCHEM CORPORATION
ETHYLENE RELEASE CANISTER™
ERC™

PACKAGE INSERT

ETHYLENE RELEASE CANISTER (ERC) FOR RIPENING/DEGREENING

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.

DIRECTIONS FOR USE

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

Do not apply this product in any way that will contact workers or other persons either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on the label about personal protection equipment (PPE), restricted interval, and notification to workers (as applicable). The requirements in this box only apply to the uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

Personal Protective Equipment (PPE) for early entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, water, wear: coveralls, chemical resistant gloves, shoes plus socks and protective eyewear.

Ethylene has been used as a ripening or degreening agent for the following products listed below:

<u>Product</u>	<u>Concentration of Ethylene (PPM)</u>
Banana	100 – 1000
Citrus Fruit (Orange, Grapefruit)	10 – 1000
Honeydew Melon	100 – 1000
Avocado	100 – 1000
Pear	100 – 1000
Kiwi Fruit	100 – 1000
Mango	100 – 1000
Stone Fruit (Nectarine, Peach, Plum)	100 – 1000
Tomato	100 – 1000
Walnuts	100 – 1000
Tobacco	100 – 1000

Note: The optimum temperature and duration of treatment vary slightly dependent on the type of fruit but are generally between 65 to 80° F and 1 to 7 days.

The ERC is to be used in air, in 1) tightly enclosed plastic pallet shroud, 2) ripening rooms, or 3) trailers/containers.

When using with a pallet of product and a plastic shroud, place a plastic slip sheet on top of the pallet underneath the boxes to prevent ethylene from escaping through the pallet openings. Then the cap of the ERC is pierced using the opening device supplied. Take top of can and insert into the opening device and press down until the pin at bottom of the opening device punctures the cap. This will begin the release of the ethylene. Then remove the ERC from the opening device. Place opened/pierced ERC on top of the pallet of boxes of the aforementioned products. Then cover the boxes completely with a plastic shroud which is sealed with stretch wrap or tape at the bottom of the boxes.

In the case of ripening rooms and trailers/containers where the use is one ERC per pallet, once the ERCs have been pierced with the opening device supplied (see directions above), they are to be placed within the room or trailer/container in a manner that ensures equal distribution of ethylene throughout the room or container.

STORAGE AND DISPOSAL

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

Pesticide storage: Store at room temperature.

Pesticide disposal: Do not puncture unused canister; return them to manufacturer. For partially filled canisters, release the remaining ethylene within the pallet shroud, ripening room or trailer/container for the minimum dosage period specified for that canister.

Container disposal: Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Dispose of empty canisters with normal non-incineration waste in compliance with any applicable State and Local regulations.