


72372-3

12-20-99

10/5

 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460</p>	EPA Reg. Number: <b>72372-3</b>	Date of Issuance: <b>DEC 20 1999</b>
	Term of Issuance: <b>CONDITIONAL</b>	
	Name of Pesticide Product: <b>B-CAP 70 HYDROGEN PEROXIDE</b>	

NOTICE OF PESTICIDE:  
☒ Registration  
☐ Re-registration  
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):  
  
FMC Corporation  
Hydrogen Peroxide Division  
1735 Market Street  
Philadelphia, PA 19103

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration 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 conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Add the phrase EPA Registration Number "EPA Reg. No. "72372-3".
3. You must submit five copies of a revised label which makes the following changes.

Signature of Approving Official: Marshall Swindell Acting Product Manager 33 Regulatory Management Branch 1 Antimicrobial Division (7510C)	Date:  <b>DEC 20 1999</b>
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A. In the "Directions For Use", delete the fifth bulleted application item termed "Process Waters". This term is not specific and could mean a variety of things. You can add process water applications by Amendment if you detail the specific type(s) of process waters to be treated. We blacked out this application on the label.

B. In the "Directions For Use", change the sentence beginning with, "B-CAP 70 hydrogen peroxide may be used in the manufacture of Peracetic Acid...", to the following, "B-CAP 70 hydrogen peroxide may also be used in the manufacture of Peracetic Acid...".

C. In the second set of bulleted peracetic acid application items, correct the spelling of "...equipment..." to "...equipment...". You should do a complete spell check for other possible errors.

D. In the "Directions For Use", delete the sixth bulleted peracetic acid application item from the bottom termed "Spray Applications". This term is not an actual application and could mean a variety of things. We blacked out this non-application on the label.

E. In the "Directions For Use", the last sentence, "Formulators using this product for application/uses not listed are responsible...", should be revised to read as follows, "Formulators using this product for application/uses not listed are also responsible...".

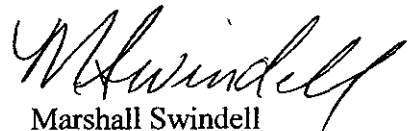
4. You must submit a revised Confidential Statement of Formula (CSF) for the basic and two alternate formulations which changes the upper certified limit for hydrogen peroxide from 73% to 72%. The upper limit of 73% is not consistent with data given in Guideline 62 under certified limits of composition and the previously submitted CSF.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

If you have any questions concerning this letter, please contact Tony Kish at (703) 308-9443, or myself at 703-308-6341.

Sincerely,



Marshall Swindell  
Acting Product Manager 33  
Regulatory Management Branch 1  
Antimicrobial Division (7510C)

Enclosure

3045

# B-CAP™ 70 Hydrogen Peroxide

EPA Registration No. 72372-G  
EPA Est. No. 65402-WV-001  
65402-TX-001  
65402-IL-001

B-CAP™ 70 Hydrogen Peroxide is for formulating FIFRA registered products.

## For Industrial Use Only

Active Ingredients:	Hydrogen Peroxide .....	70%
Inert Ingredients:	.....	30%
Total	.....	100%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

See side panel for additional precautionary statements

FMC and B-CAP are trademarks of FMC Corporation.



**FMC Corporation  
Hydrogen Peroxide Division  
1735 Market Street  
Philadelphia Pennsylvania 19103**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

DEC 20 1999

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

72372-3

## Precautionary Statements Hazards to Humans and Domestic Animals

### DANGER

**CORROSIVE:** Causes irreversible eye damage and skin burns. May be fatal if inhaled or absorbed through the skin. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray mist. Wear protective eyewear (goggles, face shield, or safety glasses), protective clothing and rubber gloves. Wash thoroughly after handling with soap and water, and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse. Wear a mask or pesticide respirator jointly approved by Mine Safety and Health Administration and the National Institute for Occupational Safety and Health.

### Physical or Chemical Hazards

Strong oxidizing agent. Mix only with water. BCAP 70 hydrogen peroxide is not combustible; however, at temperatures exceeding 156°F, decomposition occurs releasing oxygen. The oxygen released could initiate or promote combustion of other materials.

### Environmental Hazards

This pesticide is toxic to birds, mammals, fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with requirements at a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Any solution released from the system should be diluted with water and tested for residuals to ensure that there is less than 3 ppm peroxygen remaining.

### Statement of Practical Treatment

**IF IN EYES:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.

**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**IF SWALLOWED:** Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, eggwhites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

## Storage and Disposal

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

### Storage

**NEVER RETURN BCAP 70 HYDROGEN PEROXIDE TO THE ORIGINAL CONTAINER AFTER IT HAS BEEN REMOVED.**

Avoid all contaminants, especially dirt, caustic, reducing agents, and metals. Contamination and impurities will reduce shelf life and can induce decomposition. In case of a decomposition, isolate container, douse container with cool water and dilute with large volumes of water.

Avoid damage to containers. Keep container closed at all times when not in use. Keep container out of direct sunlight. To maintain product quality, store at temperatures below 86°F. Do not store on wooden pallets.

### Procedure for Leak or Spill

Stop leak if this can be done without risk. Shut off ignition sources; e.g., flames, smoking, flares, or spark producing tools. Keep combustible and organic materials away. Flush spilled material with large quantities of water. Undiluted material should not enter confined spaces. If material has been spilled, an acceptable method of disposal is to dilute with at least 20 volumes of water followed by discharge into suitable treatment system in accordance with all local, state, and Federal environmental laws, rules, regulations, standards, and other requirements.

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#### Disposal

Pesticide Disposal Because acceptable methods of disposal may vary by location, regulatory agencies should be contacted prior to disposal.

#### Container Disposal

Empty drums are not returnable to FMC unless special arrangements have been made. Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. **DO NOT**

#### Directions for Use

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

#### Manufacturing Use

Use in Reformulation of Other Registered Pesticides. B-CAP 70 hydrogen peroxide may be used as a source of the active ingredient in the formulation of sanitizers, disinfectants and antimicrobial/biocidal products registered under FIFRA.

Suitable applications for hydrogen peroxide as the active include biofouling and slime control in:

- Pulp and Paper mill systems
- Commercial industrial recirculating and once through cooling water systems
- Air washer and evaporative condenser systems
- Pasteurizer cooling water systems and

B-CAP 70 hydrogen peroxide may be used in the manufacture of Peracetic Acid formulations used as sanitizers, disinfectants and antimicrobial/biocidal products registered under FIFRA. These applications include:

- Circulation cleaning and institutional/industrial sanitizing of previously cleaned non-porous food contact surfaces and equipment such as tanks, pipelines, evaporators, fillers, pasteurizers, aseptic equipment in:
  - Dairies, Wineries, Breweries, and Beverage Plants
  - Meat and Poultry Processing/Packing Plants
  - Milk and Dairy Products Processing/Packing Plants
  - Seafood and Vegetable Processing/Packing Plants
  - Food Processing/Packing Plants
  - Egg Processing/Packing Equipment Surfaces
  - Eating Establishments
- General Environmental Surfaces Sanitization (Non-Food Contact)
- Formulating into end use disinfectants for hospitals (non-critical premises - labs, waiting rooms), hospitals (non-critical items - items that contact only unbroken skin), hospitals (hard non-porous surfaces such as walls, floors and ceilings).
- Surface Disinfection
- Batch Sanitization of Ultra-Filtration and Reverse Osmosis (RO) Membranes
- Batch Sanitization of Piping Systems Associated with RO Membranes
- Biofouling Control in Pulp and Paper Mill Systems
- Control of Bacteria and Fungi in Dispersed Pigments
- Control of Slime Forming Bacteria in Recirculating Cooling Water Systems \*Cooling Towers, Evaporative Condensers)
- Control of Bacteria and Fungi in Coating Preservation
- Sterilization/disinfection of hospital, non-critical items, such as medical laboratory and scientific equipment

Formulators using this product for applications / uses not listed are responsible for FIFRA registration of their products and for compliance with other FIFRA requirements.

In all applications always prepare a new solution daily to ensure effectiveness. Do not re-use solutions. Dispose of unused solution.

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in EPA Letter Dated:

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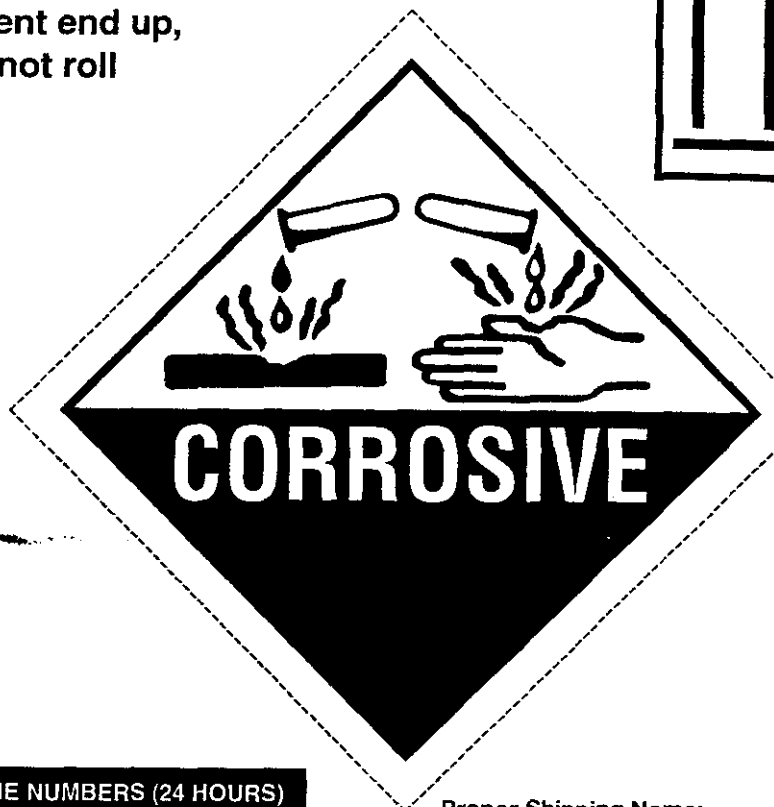
at Contents

Gallons

Pounds

5 of 5

Keep vent end up,  
do not roll



EMERGENCY TELEPHONE NUMBERS (24 HOURS)  
MEDICAL: COLLECT 303-595-9048  
TRANSPORTATION: 800-424-9300  
OTHER: COLLECT 716-879-0400

For more information see Material Safety Data Sheet  
Label Effective Date: September 1999

Proper Shipping Name:  
Hydrogen peroxide, aqueous  
solutions with more than 60  
percent hydrogen peroxide.

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