



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

June 2, 2020

Coleen Gerber  
Agent for PeroxyChem, LLC  
PeroxyChem, LLC  
2005 Market Street, Suite 3200  
Philadelphia, PA 19103

Subject: Label Amendment – Addition of Label Language  
Product Name: B-CAP Hydrogen Peroxide  
EPA Registration Number: 72372-3  
Application Date: 01/03/2020  
Decision Number: 558775

Dear Ms. Gerber:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

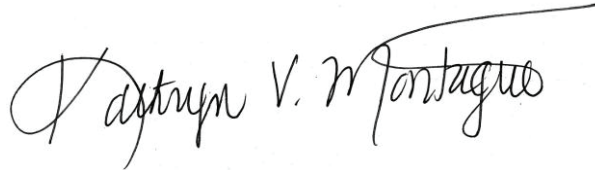
A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

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

with FIFRA section 6. If you have any questions, you may contact Perri Moeller at 703-347-8618 or via email at [Moeller.Perri@epa.gov](mailto:Moeller.Perri@epa.gov).

Sincerely,

A handwritten signature in black ink, reading "Kathryn V. Montague". The signature is fluid and cursive, with a long horizontal stroke extending from the end of the name.

Kathryn Montague, Acting Product Manager 33  
Regulatory Management Branch 1  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Enclosure

# B-Cap™ 70 Hydrogen Peroxide

EPA Registration No. 72372-3

EPA Est. No. 65402-TX-001

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

**For Industrial Use Only**

Active Ingredient: Hydrogen Peroxide ..... 70%

Inert Ingredients: ..... 30%

Total ..... 100%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

[Note to reviewer: In accordance with 40 CFR 156.68(d), all first aid statements, as prescribed, will appear on the front panel of the product label.]

 PeroxyChem and B-Cap™ are trademarks of PeroxyChem, LLC



**PeroxyChem, LLC  
2005 Market Street  
Philadelphia Pennsylvania 19103**

Net Contents: 55 Gallons

Pounds

**ACCEPTED**

06/02/2020

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 minimum of a NIOSH-approved TC-19C full face supplied air respirators; OR NIOSH approved TC-13F Self-Contained Breathing Apparatus (SCBA); OR supplied air respirators with escape bottles.

#### Physical or Chemical Hazards

Strong oxidizing agent. Mix only with water. At temperatures exceeding 156°F, decomposition of B-Cap™ 70 Hydrogen Peroxide could occur, 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 of 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.

#### First Aid

Have the product container or label with you when calling a poison control center or doctor, or going for 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.

##### 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 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 swallowed

- Call poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

**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 B-CAP™ 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 **B-Cap™ 70 Hydrogen Peroxide** 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.

### Pesticide Disposal

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

### Container Handling

**Nonrefillable containers less than 5 gallons.** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available, or dispose of container in accordance with local, state, and Federal regulations.

**Nonrefillable containers greater than or equal to 5 gallons.** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Empty drums are not returnable to PeroxyChem, LLC unless special arrangements have been made. Offer for recycling, if available, or dispose of drums in accordance with local, state, and Federal regulations.

**All Refillable containers.** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Return to PeroxyChem, LLC for reuse.

### Procedure for Leak or Spill

Stop leak if this can be done without risk. Shut off ignition sources; no 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.

### Directions for Use

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

### Cleaning Formulations, Bleaching, & Non-Pesticide Chemical Manufacturing

This product may be used for cleaning formulations, bleaching and nonpesticide chemical manufacturing. Only specifically designed

handling and dispensing equipment should be used in accordance with manufacturer's instructions and according to operating instructions or product formulations defined by the use facility.

These applications include:

- PeroxyChem, LLC FDA-Regulated Processing Aids
- Industrial/Commodity Chemicals
- Bleaching Agents
- Cleaning Formulations

### Manufacturing Use

Use in Reformulation of other Registered Products. B-Cap™ 70 Hydrogen Peroxide may be used as a source of the active ingredient hydrogen peroxide in the formulation of sanitizers, disinfectants and antimicrobial/biocidal products registered under FIFRA.

Suitable application 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

B-Cap™ 70 Hydrogen Peroxide may also 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 wall, 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 Pigment
- Control of Slime Forming Bacteria in Recirculation 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 also 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 reuse solutions. Dispose of any unused solution.**

### EMERGENCY TELEPHONE NUMBERS (24 HOURS)

**MEDICAL: COLLECT 303-389-1409**

**TRANSPORTATION: 800-424-9300**

**OTHER: 281-474-8750**

**ESL 051210 REV 051920**

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

**UN 2015**

**4847-2892-7664, v. 4**