

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY 15 1997

Frank E. Caropreso
FMC Corporation
1735 Market Street
Philadelphia, PA. 19103

Subject: VigorOx, Antimicrobial Agent
EPA Registration No. 65402-2
Notification Per PR-Notice 95-2
Your Notification Dated April 17, 1997

Dear Mr. Caropreso:

This will acknowledge receipt of your notification to change the alternate name for VigorOx to "Bellacide 375" submitted under the provisions of FIFRA section 3(c)9. Based on a review of the submitted material, the following comments apply.

The application is acceptable and the notification has been made a part of the records for this file.

Sincerely,



Marshall Swindell
Notification Coordinator
Antimicrobial Program Branch
Antimicrobial Division (7510W)

CONCURRENCES

SYMBOL	7510W						
SURNAME	P. L. HAY						
DATE	5/13/97						

2014



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number
251321

Application for Pesticide - Section I

1. Company/Product Number 65402-2	2. EPA Product Manager Marshai Swindel	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) VigorOx, Antimicrobial Agent	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) FMC Corporation 1735 Market Street Philadelphia, PA 19103 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of alternate name for VigorOx, Antimicrobial Agent.
New name: Bellacide 375

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
		If "Yes" Package wgt	No. per container	<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 5, 50 and 300 gal		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Frank E. Caropreso	Title Manager, Regulatory Aff	Telephone No. (include Area Code) 215-299-6735
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Frank E. Caropreso</i>	3. Title Manager, Regulatory Affair	
4. Typed Name Frank E. Caropreso	5. Date April 17, 1997	



Bellacide® 375

EPA Registration No. 65402-2
EPA Est. No. 00279-NY-003

Bellacide® 375 antimicrobial agent is for slime control in Recirculating Cooling Water Systems.

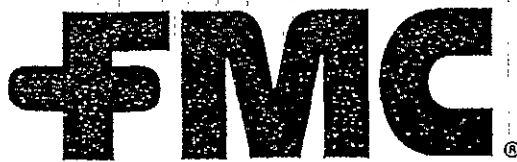
For Industrial Use Only

Active Ingredients:	Peroxyacetic Acid	5.1%
	Hydrogen Peroxide	21.7%
Inert Ingredients:	73.2%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

See side panel for additional precautionary statements

FMC and Bellacide are trademarks of FMC Corporation.



FMC Corporation
1735 Market Street
Philadelphia Pennsylvania 19103

BEST AVAILABLE COPY

Precautionary Statements Hazards to Humans and Domestic Animals

DANGER
Corrosive, causes eye and skin damage. Harmful or fatal if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Do not breathe vapor or spray mist. Do not enter an enclosed area without proper respiratory protection.

Physical or Chemical Hazards

Strong oxidizing agent. Mix only with water. Bellacide® 375 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 the 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 peroxyacetic acid remaining.

Statement of Practical Treatment

If swallowed: Rinse mouth with water. Dilute by giving 1 or 2 glasses of water. Do not induce vomiting. See a physician.

If inhaled: Remove to fresh air. If breathing discomfort occurs, call a physician. If breathing has stopped, apply artificial respiration and see a physician.

If in eyes: Immediately flush with water for at least 15 minutes, lifting the upper and lower eyelids intermittently. See a physician.

If on skin: Immediately flush with plenty of water while removing contaminated clothing and/or shoes. Wash skin thoroughly with soap and water. See a physician. Wash contaminated shoes and clothing before reuse.

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

Storage and Disposal Storage

NEVER RETURN BELLACIDE® 375 TO THE ORIGINAL CONTAINER AFTER IT HAS BEEN REMOVED. Avoid all contaminants, especially oil, caustic, reducing agents, and metals. Contamination and impurities will reduce shelf life and can induce decomposition. In case of a decomposition, isolate containers, remove container with cool water and dilute Bellacide® 375 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 66°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; no flames, smoking, fires, 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.

Disposal

Pesticide Disposal

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

Bellacide® 375 antimicrobial agent which is to be discarded, should be disposed of as hazardous waste after contacting the appropriate local, state, or Federal agency to determine proper procedures.

Container Disposal

Empty drums are not returnable to FMC unless special arrangements have been made. Triple rinse drums with water. Dispose of drums in accordance with local, state, and Federal regulations. Do not reuse.

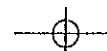
Directions for Use

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

Control of slime forming bacteria in Cooling Water Systems (Cooling towers, evaporative condensers)

1. Severely fouled systems should be cleaned before adding the Bellacide® 375 solution. Bellacide® 375 should be added to the system directly and not mixed with any other chemicals or additives. Contamination with other chemicals could result in product decomposition.
2. Add the Bellacide® 375 antimicrobial agent at a point in the system where uniform mixing and even distribution will occur such as the cooling tower basin sump.
3. Use 0.3 to 1.5 lb. (5 to 24 fluid ounces) of Bellacide® 375 solution per 1000 gallons of solution as a continuous or intermittent slug treatment. This will provide 2 to 3 ppm of peroxyacetic acid and 6 to 39 ppm of hydrogen peroxide. Repeat treatment as required to maintain control.

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



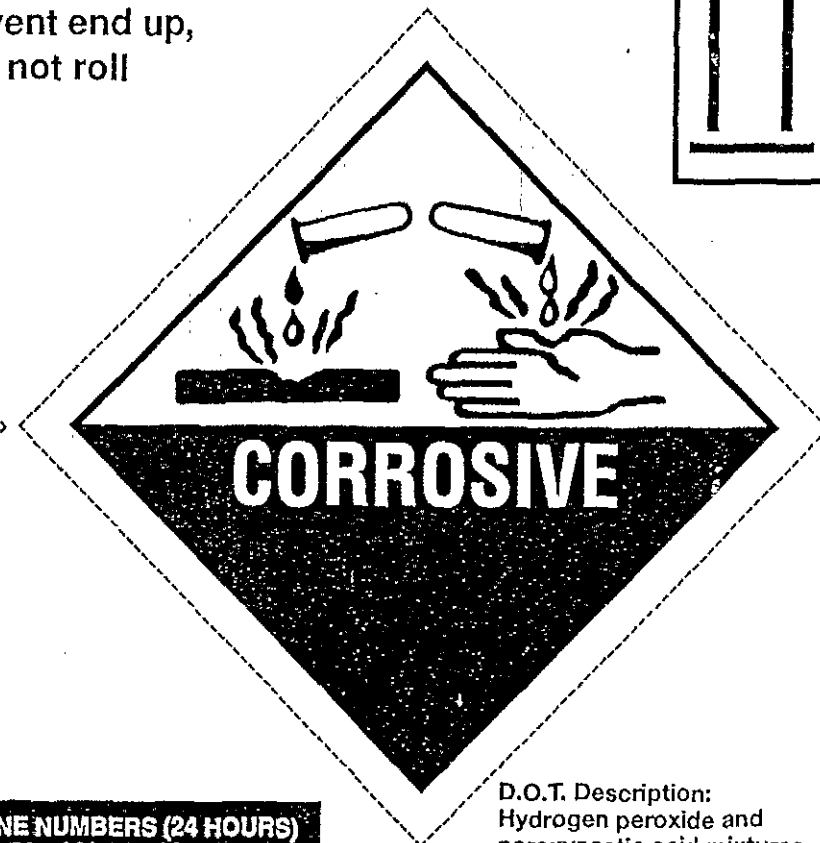
Sell

Net Contents

Gallons

Pounds

Keep vent end up,
do not roll

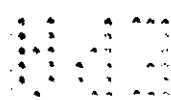


EMERGENCY TELEPHONE NUMBERS (24 HOURS)
MEDICAL: COLLECT 303-595-9048
TRANSPORTATION: 800-424-9300
OTHER: COLLECT 716-879-0400

D.O.T. Description:
Hydrogen peroxide and peroxyacetic acid mixtures, stabilized with acids, water and not more than 6% peroxyacetic acid.

UN 3149

For more information see Material Safety Data Sheet
Label Effective Date: December 1996



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