	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460	EPA Reg. Number: 65402-3	Date of Issuance: JUL 16 1997
		Term of Issuance: Conditional	
(under FIFRA, as amended)		Name of Pesticide Product: VigorOx SP-15 Antimicrobial	
Name and Address of Registrant (include ZIP Code): FMC Corporation Peroxygen Chemicals Division 1735 Maraket 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 sec. 3(c)(7)(A) provided that you:			
1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.			
2. Make the labeling change listed below before you release the product for shipment:			
a. Revise the EPA Registration Number to read, "EPA Reg. No. 65402-3".			
Signature of Approving Official: Marshall Swindell Acting Product Manager 33 Regulatory Management Branch 1 Antimicrobial Division (7504C)		Date: JUL 16 1997	

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EPA Reg. No. 65402-3

b. Revise the statement "...not intended for manufacture of material for food contact" to "...not be used for manufacture of food grade paper and paper coatings."

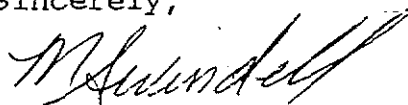
c. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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 Martha Terry at (703) 308-6217.

Sincerely,



Marshall Swindell
Acting Product Manager 33
Regulatory Management Branch 1
Antimicrobial Division (7504C)

VigorOx™ SP-15 Antimicrobial Agent

Net Contents Gallons Pounds

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

VigorOx™ SP-15 Antimicrobial Agent is for biofouling and
slime control in:

- Pulp and Paper Mill Systems
- Recirculating Cooling Water Systems
- Coating Preservation
- Dispersed Pigment Preservation

For Industrial Use Only

Active Ingredients: Peroxyacetic Acid 15%

Inert Ingredients: 85%

KEEP OUT OF REACH OF CHILDREN
DANGER

See side panel for additional precautionary statements

FMC and VigorOx™ are trademarks of FMC Corporation.

FMC

FMC Corporation
1735 Market Street
Philadelphia, Pennsylvania 19103

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No.
65402-X

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. VigorOx™ SP-15 is not combustible; however, at temperatures exceeding 158°F, decomposition occurs releasing oxygen. The oxygen released could initiate or promote combustion of other materials.

Environmental Hazards

This pesticide is toxic to fish. 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.

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 plenty of 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 VigorOx™ SP-15 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 decomposition, isolate container, douse container with cool water and dilute VigorOx™ SP-15 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°C. 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, 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.

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 label precautionary statements and 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.

VigorOx™ SP-15 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

BIOFOULING CONTROL IN PULP AND PAPER MILL SYSTEMS:

Note: VigorOx™ SP-15 Antimicrobial Agent is not intended for manufacture of material intended for food contact.

VigorOx™ SP-15 Antimicrobial Agent can be used to control bacterial, fungal and yeast growth in pulp, paper and paperboard mills.

1. Severely fouled systems should be cleaned before adding the VigorOx solution. VigorOx should be added directly to the system. This product should not be mixed with any other chemicals or additives without first testing for compatibility. Contamination with incompatible materials could cause product decomposition.
2. Add the VigorOx™ SP-15 Antimicrobial Agent at a point in the system where it can be mixed uniformly with the pulp, e.g., the beater, hydropulper, fan or broke pump, etc.
3. Typically, an application of 0.2 to 1.2 lb (3.5 to 21 fluid ounces) of VigorOx™ SP-15 solution per ton (dry basis) of pulp or paper produced will be effective. This will provide about 15 to 90 ppm of peroxyacetic acid per ton of pulp. Once control is achieved, decrease amount as appropriate. Addition can be continuous or intermittent, depending on the type and severity of the contamination.

CONTROL OF BACTERIA AND FUNGI IN COATING

PRESERVATION:

Note: VigorOx™ SP-15 Antimicrobial Agent is not intended for the manufacture of material intended for food contact.

VigorOx™ SP-15 Antimicrobial Agent can be used as an in-container preservative for the control of bacteria and fungi in water-based coatings such as paper coatings.

Add 0.2 to 1.2 lb (3.5 to 21 fluid ounces) of VigorOx™ solution to each 1000 lbs (454 kg) of fluid. This will provide 30 to 180 ppm of peroxyacetic acid.

CONTROL OF SLIME FORMING BACTERIA IN COOLING

WATER SYSTEMS (cooling towers, evaporative condensers):

1. Severely fouled systems should be cleaned before adding the VigorOx solution. VigorOx should be added directly to the system. This product should not be mixed with any other chemicals or additives without first testing for compatibility. Contamination with incompatible materials could cause product decomposition.
2. Add the VigorOx™ SP-15 Antimicrobial Agent at a point in the system where uniform mixing and even distribution will occur, e.g., the cooling tower basin pump.
3. Typically, an application of 0.2 to 1.2 lb (3.5 to 21 fluid ounces) of VigorOx™ SP-15 solution per 1000 gallons of solution will be effective. This will provide about 3.5 to 21 ppm of peroxyacetic acid. If control is not achieved, add higher concentrations, up to about 16 lbs of VigorOx™ SP-15 per ton of pulp. Once control is achieved, decrease amount as appropriate. Repeat treatment as required to maintain control.

CONTROL OF BACTERIA AND FUNGI IN DISPERSED

PIGMENTS:

VigorOx™ SP-15 Antimicrobial Agent can be used in the control of bacteria and fungi in manufacture and storage of dispersed pigments such as kaolin clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate and kieselguhr used in paint and paper production.

Add 0.2 to 1.2 lb (3.5 to 21 fluid ounces) of VigorOx™ SP-15 to each 1000 lbs (454 kg) of fluid. This will provide 30 to 180 ppm of peroxyacetic acid.

In all applications, always prepare a new solution daily to ensure effectiveness. Do not reuse solutions. Dispose of any unused solution.

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