


11/8/95

PM 32

8764-53

Please read Instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060. Approval expires 11-30-93

<b>(A)</b> 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number  162466
	Application for Pesticide:		

Section I

1. Company/Product Number 8764-53	2. EPA Product Manager Ruth Douglas	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Freshgard 71	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) FMC Corporation Food Processing Systems Division 1540 Linden St. Riverside, CA 92507 <input checked="" 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 change of effluent discharge labeling statement pursuant to PR Notice 95-1.

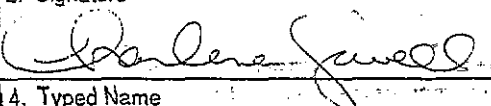
Section III

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 type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted.		If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container 55 gallons		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 type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input checked="" type="checkbox"/> Other (self adhesive vinyl)		

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Charlene Jewell	Title Research Chemist	Telephone No. (Include Area Code) (909) 222-2327

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 	3. Title Research Chemist	
4. Typed Name Charlene Jewell	5. Date 11/3/95	

**PRECAUTIONARY STATEMENTS  
DANGER**

**Hazards to Humans and Domestic Animals:** Corrosive, may cause severe skin irritation or chemical burns to broken skin. Causes eye damage. Wear safety glasses or goggles and rubber gloves when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.

**Environmental Hazards:** This pesticide is toxic to fish and aquatic organisms. 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.

**Physical or Chemical Hazards:** STRONG OXIDIZING AGENT: Mix only with water according to label directions. Mixing this product with chemicals (e.g. ammonia, acids, detergents, etc.) or organic matter (e.g. urine, feces, etc.) will release chlorine gas which is irritating to eyes, lungs and mucous membranes.

**DIRECTIONS FOR USE**

It is a violation of federal law to use this product inconsistent with its labeling.

**NOTE:** This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.

Directions for use continued on right center panel.

**STORAGE AND DISPOSAL**

**Storage:** Store this product in a cool dry place, away from direct sunlight and heat to avoid deterioration. In case of spill, flood areas with large quantities of water. Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned stay out of smoke.



FMC Corporation  
Food Processing Systems Division  
Riverside, California — Lindsay, California  
Lakeland, Florida — McAllen, Texas

# Freshga

## Sodium Hypochlorite

**Active Ingredient:** Sodium Hypochlorite...  
**Inert Ingredients:**.....

0.85 lbs. Available Chlorine /

**KEEP OUT OF REACH OF  
DANGER**

**STATEMENT OF PRACTICAL**

**Eye contact:** Wash with water for at least 15 minutes. Obtain medical attention.

**Skin contact:** Wash with plenty of water. If irritation or discomfort occurs, obtain medical attention.

**Inhalation:** Remove to fresh air. If breathing difficulty or discomfort occurs, obtain medical attention.

**Ingestion:** If swallowed drink large amounts of water, or milk. Do not induce vomiting. Contact physician or poison control center immediately.

See left side panel for additional precautionary statements.

**PRECAUCION AL USUARIO:** Si usted no lee ingles, no queda le haya sido explicada ampliamente.

**TRANSLATION:** (TO THE USER: If you cannot read English, the label has been fully explained to you.)

**EMERGENCY TELEPHONE NUMBER**

**MEDICAL: COLLECT (303) 426-7000**

**CHEMTREC: (800) 424-9303**

For more information see Material Safety Data Sheet

**EPA Est. No. 8764-CA-1; FL-1**

**EPA Reg. No. 8764-53**

**Net Contents: 55 Gallons (208.2 Liters)**

Freshgard 71 is a solution of sodium hypochlorite for formulation into end use products intended only for sanitizing fresh fruits and vegetables after harvest.

Apply at the recommended concentration of available chlorine for various fruits and vegetables as listed in the adjacent table on the right panel. To obtain a 100 ppm treating solution of available chlorine, add 50 ozs. of Freshgard 71 to 250 gallons of water. Maintain the pH of the solution between 6.0 and 8.0 with a dilute solution of hydrochloric acid. For other ppm concentrations use appropriate dilutions. Rinse with potable water after treatment.

**FOR CITRUS CANCKER QUARANTINE:** Use Freshgard 71 at 200 ppm available chlorine at between 6.0 to 7.5 pH. Apply for two minutes using spray or dip tank treatments. The chlorine concentration should be monitored three to four times a day using a colorimetric or ultrimetric test kit and adjust dosage as necessary.

## Notice:

**Terms of sale or use:** On purchase or use of this product buyer and user agree to the following conditions:

**Warranty:** FMC Corporation warrants that this product, as of the time of sale by FMC Corporation, (1) conforms to the Ingredient statement on the label, and (2) is reasonably fit for the purposes set forth in the directions for use. **EXCEPT AS SO WARRANTED, THE PRODUCT IS SOLD AS IS. FMC CORPORATION MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, AND TO THE EXTENT PERMITTED BY LAW, FMC CORPORATION SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.** Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

**Directions and Recommendations:** Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller and are assumed by buyer at his own risk.

**Use of Product:** FMC's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

**DAMAGES: BUYER'S OR USER'S EXCLUSIVE REMEDY FOR DAMAGES FOR BREACH OF WARRANTY OR NEGLIGENCE SHALL BE LIMITED TO DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE PAID AND SHALL NOT INCLUDE INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

Label Effective Date: November, 1995

Table of Recommended Levels of Available Chlorine

Commodity	ppm Available chlorine
Apple	150 - 200
Artichoke	100 - 150
Asparagus	125 - 150
Brussels Sprouts	100 - 150
Carrots	100 - 200
Cauliflower	300 - 400
Celery	100 - 110
Cherry	75.0 - 100
Chopped Cabbage <sup>1</sup>	80.0 - 100
Chopped Lettuce <sup>1</sup>	80.0 - 100
Citrus Fruits	25.0 - 200
Cucumbers	300 - 350
Green Onions	75.0 - 120
Melons <sup>2</sup>	100 - 150
Peaches, Nectarines and Plums	50.0 - 100
Pears (without buffer)	200 - 300
Peppers <sup>3, 4</sup>	300 - 400
Potatoes <sup>3, 4</sup>	65.0 - 125
Radishes	100 - 150
Stonefruit (Hydrocooler)	30.0 - 75.0
Tomatoes <sup>4</sup>	300 - 350

### Note:

- 1 After treatment the adhering water must be removed by a centrifugation process.
2. For hydrocooling melons use 10 ppm.
3. Concentration given for use in a flow through washer system only.
4. For treating peppers in a dump tank use 100 - 135 ppm available chlorine. For treating potatoes in a pit system use 100 - 150 ppm available chlorine. For treating tomatoes in a dump tank system use 70 - 120 ppm available chlorine.

### DOT Description:

Disinfectant, Corrosive Liquid, N.O.S.  
UN 1903

