


PM 32 8764-54

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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	CPP Identifier Number  162460
	<b>Application for Pesticide:</b>		
	<b>Section I</b>		

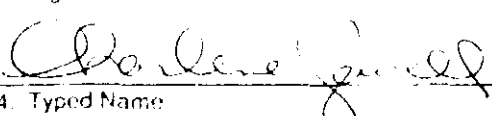
1. Company/Product Number 8764-54	2. EPA Product Manager Ruth Douglas	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Freshgard 72	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) FMC Corporation Food Processing 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 _____	

<b>Section II</b>	
<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.

<b>Section III</b>			
1. Material This Product Will Be Packaged In:			
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	2. Type of Container <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)	

<b>Section IV</b>		
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

<b>Certification</b>		6. Date Application Received (Stamped)
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.		
2. Signature 	3. Title Research Chemist	
4. Typed Name Charlene Jewell	5. Date 10/16/95	

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 Pollution 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 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.

Directions for use continued on right side panel



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

# Freshgard

## Sodium Hypochlorite

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

1.2 lbs. Available

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**

**STATEMENT OF PRACTICES**

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

**Skin contact:** Wash with plenty of water. If irritation persists, seek medical attention.

**Inhalation:** Remove to fresh air. If breathing difficulty persists, seek medical attention.

**Ingestion:** If swallowed drink large amounts of water. Call your doctor or poison control center immediately.

See left side panel for additional precautionary statements.

PRECAUCION AL USUARIO: Si usted no lee la etiqueta le haya sido explicada ampliamente.

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

**EMERGENCY TELEPHONE NUMBERS**

**MEDICAL: COLLECT**

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

For more information see Material Safety Data Sheet

EPA Est. No. 8764-CA-1 ;

EPA Reg. No. 8764-54-AA

Net Contents: 55 Gallons (208 Liters)

**BEST AVAILABLE COPY**

**Fruit and Vegetable Washing:** Freshgard 72 is a solution of sodium hypochlorite intended only for sanitizing fresh fruits and vegetables after harvest. Prior to use, all fruits and vegetables must be thoroughly washed using an appropriate cleaner. After washing transfer the fruits and vegetables to a separate tank containing the sanitizing solution.

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 25 ozs. of Freshgard 72 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.

## 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: October, 1995

## Table of Recommended Levels and Use Dilutions for Available Chlorine

Commodity	Usage Dilution oz. Freshgard 72 added to 250 gallons of water	ppm Available chlorine
Apple	37.5 - 50.0	150 - 200
Artichoke	25.0 - 37.5	100 - 150
Asparagus	31.3 - 37.5	125 - 150
Brussels Sprouts	25.0 - 37.5	100 - 150
Carrots	25.0 - 50.0	100 - 200
Cauliflower	75.0 - 100	300 - 400
Celery	25.0 - 27.5	100 - 110
Cherry	18.8 - 25.0	75.0 - 100
Chopped Cabbage <sup>1</sup>	20.0 - 25.0	80.0 - 100
Chopped Lettuce <sup>1</sup>	20.0 - 25.0	80.0 - 100
Citrus Fruits	2.50 - 200	25.0 - 200
Cucumbers	75.0 - 87.5	300 - 350
Green Onions	18.8 - 30.0	75.0 - 120
Melons <sup>2</sup>	25.0 - 37.5	100 - 150
Peaches, Nectarines and Plums	12.5 - 25.0	50.0 - 100
Pears (without buffer)	50.0 - 75.0	200 - 300
Peppers <sup>3, 4</sup>	75.0 - 100	300 - 400
Potatoes <sup>3, 4</sup>	16.3 - 31.3	65.0 - 125
Radishes	25.0 - 37.5	100 - 150
Stonefruit (Hydrocooler)	7.50 - 18.8	30.0 - 75.0
Tomatoes <sup>4</sup>	75.0 - 87.5	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.

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

**BEST AVAILABLE COPY**