

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY 15 1997

Ms. Charlene Jewell
FMC Corporation
Food Processing Systems Division
1540 Linden St.
Riverside, CA 92507

Dear Ms. Jewell:

Subject: Freshgard 72
EPA Registration No. 8764-54
Your Amendment Dated September 19, 1996

This is in response to your amendment of revised labeling reflecting change in wording of "Directions for Use" and correction of error in "Use Dilution Table."

The labeling referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable subject to the following comment.

Revise the "Environmental Hazards" statement to read:

"This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public 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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

A stamped copy is enclosed for your records. Submit one copy of the final printed label.

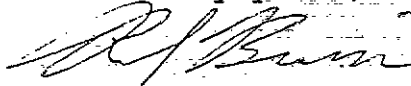
CONCURRENCES

SYMBOL								
SURNAME								
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If you have any questions, please call Marianne Clark at
(703) 308-6381.

Sincerely yours,



Robert S. Brennis
Acting Product Manager (32)
Antimicrobial Program Branch
Registration Division (7504C)

Fruit and Vegetable Washing: Freshgard 72 is a solution of sodium hypochlorite 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 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.

Prior to use in a tank, all fruits and vegetables must be thoroughly washed using an appropriate cleaner. After washing transfer the fruit and vegetables to a separate tank containing the sanitizing solution.

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: July, 1996

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REC'D EPA/OPD1

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 ¹	20.0 - 25.0	80.0 - 100
Chopped Lettuce ¹	20.0 - 25.0	80.0 - 100
Citrus Fruits	6.25 - 50.0	25.0 - 200
Cucumbers	75.0 - 87.5	300 - 350
Green Onions	18.8 - 30.0	75.0 - 120
Melons ²	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 ^{3, 4}	75.0 - 100	300 - 400
Potatoes ^{3, 4}	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 ⁴	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, UN1903

with COMMENTS
in EPA Letter Dated:

MAY 15 1997

Under the Federal Insecticide,
Fungicide and Rodenticide Act as
amended, this pesticide
is registered under EPA Reg. No. 8764-54

DRAFT LABELING

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with COMMENTS
in EPA Letter Dated:

MAY 15 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No. 8764-54

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 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

Freshgard 72

Sodium Hypochlorite Solution

Active Ingredient: Sodium Hypochlorite.....12.5%
Inert Ingredients:.....87.5%
100.0%

1.2 lbs. Available Chlorine / Gallon

KEEP OUT OF REACH OF CHILDREN DANGER

STATEMENT OF PRACTICAL TREATMENT

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

Skin contact: Wash with plenty of water. If irritation occurs and persists, obtain medical attention.

Inhalation: Remove to fresh air. If breathing difficulty or discomfort occurs, call a physician.

Ingestion: If swallowed drink large amounts of water. Do Not Induce Vomiting. Call a physician or poison control center immediately.

See left side panel for additional precautionary statements.

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

TRANSLATION: (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

EMERGENCY TELEPHONE NUMBERS (24 HOURS)

MEDICAL: COLLECT (303) 595-9048

CHEMTREC: (800) 424-9300

For more information see Material Safety Data Sheet.

EPA Est. No. 8764-CA-1,2 ; FL-1

EPA Reg. No. 8764-54-AA

Net Contents: 5^F Gallons (208.2 Liters)

Lot No.

FMC

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

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