



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

238141

Application for Pesticide - Section I

1. Company/Product Number 4524-51	2. EPA Product Manager	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Enquat	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) H.B. Fuller Company Monarch Division 3900 Jackson St. Ne Minneapolis, MN 55421 <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.)

1. Per PR Notice 93-10. Addition of Environmental Hazard statement to the label.
2. Typo correction. From: Wear rubber gloves or face shield and rubber gloves.
To: Wear Goggles or Faces Shield and Rubber Gloves.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	
If "Yes" Unit Packaging wgt. No. per container		If "Yes" Package wgt. No. per container		<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input 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 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 Lois Branch		Title Technical Director		Telephone No. (Include Area Code) 612-782-1721	
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 Technical Director			
4. Typed Name Lois Branch		5. Date 8/7/95			

Monarch® Enquat

SK 0312

Sanitizer-Deodorizer with Organic Soil Tolerance. For Institutional, Industrial, School, Dairy and Other Farm use. For Food Handling and Processing Areas, Restaurants and Dairies.

ACTIVE INGREDIENTS:

Octyl decyl dimethyl ammonium chloride	22500%
Didecyl dimethyl ammonium chloride	13500%
Diocetyl dimethyl ammonium chloride	99000%
Alkyl (C ₁₂ , 50% C ₁₄ , 40% C ₁₆ , 10%) dimethyl benzyl ammonium chlorides	30000%
INERT INGREDIENTS	92.5000%
	100.0000%

EPA Reg. No. 4524-51
EPA Est. No. 4524 MN 1

EPA Reg. No. 4524-51
EPA Est. No. 4524 CA 2

EPA Reg. No. 4524-51
EPA Est. No. 4524-NV-1

EPA Reg. No. 4524-51
EPA Est. No. 4524-ND-1

DANGER:

KEEP OUT OF REACH OF CHILDREN

Precautionary Statements: Hazards to Humans and Domestic Animals

CORROSIVE. CAUSES EYE DAMAGE AND SKIN IRRITATION. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. WEAR GOGGLES OR FACE SHIELD AND RUBBER GLOVES WHEN HANDLING THIS PRODUCT. HARMFUL IF SWALLOWED.

CONSULT MATERIAL SAFETY DATA SHEET FOR ADDITIONAL INFORMATION. FOR INDUSTRIAL USE ONLY.

STATEMENT OF PRACTICAL TREATMENT:

In Case of Contact: Immediately flush eyes or skin with plenty of water for at least 15 minutes. **For Eyes:** Call a physician. Remove and wash contaminated clothing before reuse. **If Swallowed:** Drink large quantities of water. Avoid alcohol. Call a physician immediately. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

Medical personnel familiar with this product are available 24 hours a day, 7 days a week. Toll-free medical emergency number:

1/800-228-5635 Ext. 018

DIRECTIONS FOR USE:

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. ENQUAT is a cleaner sanitizer for food processing equipment in water up to 800 ppm hardness (as CaCO₃). Do not rinse with water. For heavily soiled equipment, a preliminary cleaning is required. Prepare a fresh solution daily or when used solution becomes visibly dirty. **Cleaning Food Processing Equipment: Sanitizing**—To sanitize hard non-porous food contact surfaces, such as equipment, utensils, dishes, silverware, glasses, and countertops, clean with a good detergent and rinse thoroughly. Dilute 1 oz. of ENQUAT in 4 gallons of water (150 ppm active quaternary) and apply with a cloth, brush, mechanical spray device (spray until thoroughly wetted) or by immersion. Equipment should remain immersed for 60 seconds followed by drain and air drying. Do not rinse with water. **To sanitize porous surfaces**, such as wooden floors, wooden platforms and tabletops, use a solution of 3 oz. in 4 gallons (450 ppm). At surfaces should be exposed to the sanitizing solution for a period of at least 2 minutes. Any food contact surface treated with concentrations in excess of 150 ppm must be rinsed with a solution of 1 oz. to 4 gallons of water (150 ppm). All treated surfaces must be allowed to drain and air dry. Do not rinse surface or equipment in water. **For Use as a Hand Sanitizing Dip for Food Plants:** Wash hands thoroughly with soap and water. 2. Rinse hands thoroughly. 3. Dip hands in a solution containing ENQUAT made at the rate of 1 oz. per 4 gallons of water. (This solution contains 150 ppm active quaternary ammonium compound.) **Udder Washing:** Approximately one minute before applying milking unit, wash and massage teats with a clean paper towel with a

solution of ENQUAT at 1 oz. to 4 gallons of water at 110°F. Provides 150 ppm solution. Never reuse towels or dip a used towel back into solution. Always use freshly prepared solutions and non-corrodible utensils. **Sanitizing Shell Eggs Intended for Food:** To sanitize previously cleaned food-grade eggs in shell egg and egg product processing plants, spray with a solution of 1 oz. ENQUAT in 4 gallons of warm water (150 ppm quat). This solution should be warmer than the eggs, but not to exceed 130°F. Wet eggs thoroughly and allow to drain. Eggs sanitized with this product shall be subjected to a potable water rinse only if they are broken immediately. Use in the manufacture of egg products. Eggs should be refrigerated, not before casing or breaking. The solution should be reused for sanitizing eggs. **Disinfection of Poultry Equipment, Animal Quarters and Kennels:** Poultry brooders, watering fountains, feeding equipment and other animal quarters (such as stall and kennel areas) can be disinfected after thoroughly cleaning by applying a solution of 4.25 oz. ENQUAT in 4 gallons of water with a mop, cloth or brush. Small utensils should be immersed in this solution. Prior to disinfection of poultry, other animals and their feeds must be removed from the premises. This includes emptying all troughs, racks and other feeding and water appliances. Remove all litter and droppings from floors, walls and other surfaces occupied or traversed by poultry or other animals. After disinfection, ventilate buildings, rooms, and other closed spaces. Do not house poultry or other animals or employ equipment until treatment has been absorbed, set or dried. All treated equipment that will contact food or drinking water must be rinsed with potable water before reuse.

STORAGE & DISPOSAL:

Prohibitions: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Pesticide Disposal: Pesticide spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved state procedures under Subtitle C of the Resource Conservation and Recovery Act.

ENVIRONMENTAL HAZARDS: 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.

Container Disposal: Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by incineration, if allowed by state and local authorities. General: Consult federal, state or local disposal authorities for approved alternative procedures.

ENQUAT is a concentrated sanitizing agent and should be diluted before using. ENQUAT solutions should not be used with soaps or anionic detergents as such mixtures will impair the antimicrobial effectiveness of ENQUAT.



H.B. Fuller Company
Monarch Division

3900 Jackson Street N.E.
Minneapolis, MN 55421



HMIS® NPCA 1981

NET CONTENTS

GALS.

Form 1031204-295