

66570-2

01-10-2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

January 10, 2011

David Swain, Agent for Activon, Inc.  
c/o Scientific and Regulatory Consultants, Inc.  
P.O. Box 1014  
Columbia City, IN. 46725

Subject: Effersan  
EPA Registration Number 66570-2  
Application Date: December 22, 2010

Dear Ms. Bean:

This acknowledges receipt of your Notification submitted in accordance with the provisions of PR Notice 98-10 under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)9 and received by the Agency on December 23, 2010.

**Proposed Notification**

- Additional marketing claims, indoor use sites and graphic use illustration.

**General Comments**

Based on a review of the material submitted, the notification is acceptable.

Please submit a finished label with the revised language to this Office for our files. If you have any questions concerning this letter, please contact Tom Luminello by telephone, (703) 308-8075, or by e-mail at [luminello.tom@epa.gov](mailto:luminello.tom@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Tom Luminello".

for  
Wanda Y. Henson  
Acting Product Manager 32  
Regulatory Management Branch II  
Antimicrobials Division (7510-P)



United States Environmental Protection Agency Washington, DC 20460

Registration
Amendment
Other (checked)

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number: 66570-2
2. EPA Product Manager: Wanda Henson
3. Proposed Classification: Nonrestricted (checked)
4. Company/Product (Name): Effersan
5. Name and Address of Applicant: Activon, Inc.
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

Amendment - Explain below.
Resubmission in response to Agency letter dated
Notification - Explain below.
Final printed labels in response to Agency letter dated
'Me Too' Application.
Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
Notification per 98-10 - Addition of marketing text, use sites and new graphics to aid user in dilutions for disinfection and sanitization.
This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or confidential statement of formula of this product.

Section - III

1. Material This Product Will Be Packaged In:
Child-Resistant Packaging: No (checked)
Unit Packaging: No (checked)
Water Soluble Packaging: No (checked)
2. Type of Container: Plastic (checked)
3. Location of Net Contents Information: Label (checked)
4. Size(s) Retail Container: 0.423 oz., 3.6 oz., 14.1 oz.
5. Location of Label Directions: on label (checked)
6. Manner in Which Label is Affixed to Product: Lithograph Paper glued Stenciled (checked)

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)
Name: David Swain
Title: Agent for Activon Inc.
Telephone No. (Include Area Code): (260) 244-6270

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.
Signature: David Swain
Title: Agent for Activon Inc.
Date: December 22, 2010
Date Application Received (Stamped)

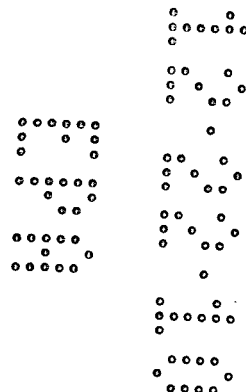
32

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**SRC**  
**Scientific & Regulatory**  
 Consultants, Inc.

December 22, 2010

Ms. Wanda Henson, PM 32  
 Document Processing Desk (NOTIF)  
 Office of Pesticide Programs (7504C)  
 U. S. Environmental Protection Agency  
 Room S-4900, 4<sup>th</sup> Floor  
 One Potomac Yard 2777 S. Crystal Drive  
 Arlington, VA 22202



**Subject: Effersan EPA Reg. No. 66570-2**

Dear Ms. Henson,

On behalf of our client, Activon, Inc., enclosed is a **notification** to revise the label for Effersan (EPA Reg. No. 66570-2). No data is submitted with this notification and therefore **no PRIA fee is required**.

The submitted label (1 copy) includes those changes requested by this action. The label changes covered by this notification are highlighted in red. Also included is a label (1 copy) without highlighting for your files. No other changes have been made to the label with this action

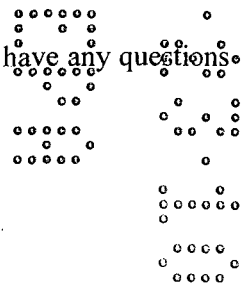
The changes are additions of various marketing claims, new indoor use sites and graphics to aid the user when diluting for disinfection and sanitization.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please contact me at (260) 244-6270 or at [dswain@srconsultants.com](mailto:dswain@srconsultants.com) if you have any questions about this submission.

Sincerely,

David Swain  
 Agent for Activon, Inc.  
 cc: L. Loken





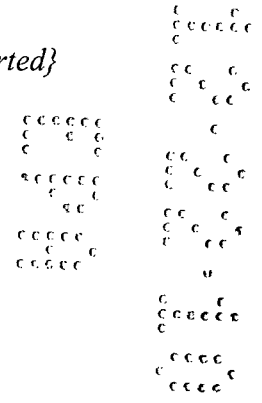
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{Front Panel continued}

{Per PR Notice 98-10, additional package sizes and net contents may be added and are permitted by non-notification}

EPA Reg. No. 66570-2      EPA Est. No. {appropriate number to be inserted}

[Manufactured for]  
 Activon, Inc.  
 900 Green Valley Road  
 Beaver Dam, WI 53916



{Back Panel/Booklet}

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans & Domestic Animals**

**DANGER: Corrosive:** Causes irreversible eye damage. Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes, on skin or on clothing. Avoid breathing dust. Wear goggles or face shield. Thoroughly wash with soap and water separately after handling. Remove contaminated clothing and wash separately before reuse.

**FIRST AID**

Have the product container or label with you when calling a poison control center or doctor or going for treatment. [You may also call 1-800-222-1222 {or other appropriate number} for emergency medical treatment advice.]

If in Eyes	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
If Swallowed	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor for treatment advice.</li> <li>• Have person drink large amounts of water if able to swallow. Avoid alcohol.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
If Inhaled	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
If on Skin or Clothing	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Immediately rinse skin with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Note: Bracketed [ ] information is optional text. {Bracketed Text} is for administrative purposes only and will not appear on the printed label.

*{In accordance with PRN 2001-1, other formats may be used to present the first aid information}*

#### Physical or Chemical Hazards

Use only clean, dry utensils. Mix only into water. Contamination with moisture, dirt, organic matter or other chemicals (including pool chemicals) or any other foreign matter may start a chemical reaction with generation of heat, liberation of hazardous gasses and possible generation of fire and explosion. Avoid any contact with flaming or burning materials such as a lighted cigarette. Do not use this product in any chlorinating device that has been used with any inorganic or unstabilized chlorinating compounds (e.g., calcium hypochlorite). Such use may cause fire or explosion.

#### Environmental Hazards

This pesticide is toxic to fish and aquatic organisms.

Disinfects floors, walls and other hard nonporous surfaces including walls, floors, tables, chairs, countertops, bathroom fixtures, sinks, shelves, racks, carts, refrigerators, coolers, glazed tile, linoleum, vinyl, glazed porcelain, plastic (such as polypropylene and polyethylene), stainless steel, or glass.

This product is designed for use in amusement parks, breweries, beverage and food processing plants, schools, hospitals, nursing homes, hotels, child care centers, restaurants, spas, hot tubs, veterinary clinics, zoos, milk processing facilities, dairy farms, farms, poultry premises, poultry hatcheries, and livestock quarters, office buildings, industrial facilities, homes, camp sites, marine and recreational vehicles, kennels, boarding facilities, laboratories, lab animal facilities.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

#### DISINFECTION

Prepare a 1,300 ppm solution [(refer to Dilution Chart)]. Clean surface then apply solution with mop, cloth, sponge, brush, foaming equipment or coarse trigger sprayer. Allow surface to remain wet for 5 minutes. Rinse thoroughly and allow to air dry. Prepare a fresh solution daily or when it becomes soiled or diluted. All treated equipment that will contact food, feed, or drinking water must be rinsed with potable water before reuse.

This product is not to be used as a terminal sterilant/high level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the blood stream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high level disinfection.

#### SPA AND TUB USE

[Refer to Dilution Chart for number of tablets to use]

Add 4 ppm available chlorine [(refer to Dilution Chart)]. Using an appropriate test kit, test and adjust the water to the following values: pH: 7.2 – 7.8; total alkalinity: 60 – 100 ppm; calcium hardness: 200 ppm, minimum. Maintain these conditions for proper spa and hot tub operation by frequent testing with a test kit. Do not allow cyanuric acid level to exceed 150 ppm. It is recommended that spas and hot tubs be drained every 60 – 90 days, more often under heavy use. Consult manufacturer's recommendations concerning the compatibility of chlorine sanitizers with their equipment. Some oils, lotions, fragrances, cleansers, etc., may cause foaming or cloudy water and may react with chlorine sanitizers, reducing their efficacy. Reentry into treated spas/hot tubs is prohibited above levels of 3 ppm chlorine.

#### Start-Up (Freshly Filled)

1. Turn on the circulation system and ensure that it is operating properly.
2. Add 4 ppm available chlorine [(refer to Dilution Chart)]. Check the free available chlorine (FAC) level and, if below 4 - 5 ppm, repeat as needed.

#### Regular Use

Turn on the circulation system and ensure that it is operating properly. Add 4 ppm available chlorine [(refer to Dilution Chart)] to the water. Test for FAC and add additional product, if necessary, to attain 4-5 ppm FAC. Maintain 1 – 3 ppm FAC while the spa or hot tub is in use. After each use, shock treat with 10 ppm available chlorine [(refer to Dilution Chart)] to control odors and algae. Repeat as needed. Spa or hot tub should not be entered until FAC reaches 1 – 3 ppm.

#### Extended Non-Use Period

During extended periods when the spa or hot tub is not being used, with the circulation system running, add 4 ppm available chlorine [(refer to Dilution Chart)] twice a week or as needed to maintain 1 – 3 ppm FAC.

{FOR USE IN removed} INDUSTRIAL RECIRCULATING WATER COOLING TOWERS,  
AIR WASHERS & EVAPORATIVE CONDENSERS

[Refer to Dilution Chart for number of tablets to use]

Treatment with this product is an effective way to control the growth of bacteria and algae in industrial recirculating water cooling towers, air washers and evaporative condensers.

1. Clean badly fouled systems prior to initiating treatment.
2. Initial Dosage – when the system is just noticeably fouled, add 3 ppm available chlorine [(refer to Dilution Chart)] to the system water. Repeat this dosage, if necessary, until a free available chlorine (FAC) level of 0.5 – 1.0 ppm is obtained, as determined by use of a reliable test kit.
3. Maintenance Dosage – to obtain a FAC of 0.5 – 1.0 ppm, add 0.5 ppm -1.0 ppm available chlorine [(refer to Dilution Chart)] daily or as needed.
4. Add this product to the system at a point where adequate flow is maintained. Variations in water temperature, chlorine demand and flow rate will affect the dissolution rate. Warmer seasons may require an upward adjustment of the FAC.

{AIR WASHERS section removed}

{FOR USE IN removed} SEWAGE TREATMENT [Not applicable in California]

1. Disinfection of Effluents: Disinfection does not occur instantaneously. A suitable detention basin must be provided to expose the sewage effluent to the effects of this product for a sufficient period of time (usually a minimum of 15 minutes). Where mechanical stirring or other agitation is not present, introduce product solution before primary or secondary sedimentation treatments, if these are used.

The amount of product solution required will vary, depending on the concentration and conditions of the final effluent. Treat the sewage before it has reached a septic state. About 30% of the chlorine demand of raw sewage is attributed to settle solids; 40% to suspended and colloidal solids; and 30% to dissolved solids.

Whenever possible, control disinfection by laboratory checks. Disinfection can be achieved when the chlorine residual (after 15 – 30 minutes contact time) is between 0.6 and 1.0 ppm. Experience with different types of treated sewage may eventually establish a relationship between the residual chlorine content of the final effluent and the contact time necessary to ensure the desired bacteriological results. Once this relationship is established, the residual chlorine content and contact time may then become the controlling factors for operation. Perform occasional bacteriological checks as a safeguard.

In cases where sewage is to be temporarily disinfected before being diluted in a body of water, the following conditions will usually provide satisfactory protection against receiving waters' pollution:

- a. Raw sewage: 10 – 30 ppm available chlorine
- b. Primary treated sewage: 5 – 20 ppm available chlorine
- c. Sewage which has undergone primary and secondary treatment, or secondary alone: 2 – 5 ppm

Frequently perform bacteriological tests as a safeguard. The available chlorine level in the discharge effluent should be between 0.6 and 1.0 ppm or in accordance with an NPDES permit. For guidance contact the regional office of the EPA.

2. Slime Control: When ponding of the filters is excessive, stoppage of the distributing filter can occur. Add 10 ppm available chlorine [(refer to Dilution Chart)] into the effluent at a point above the filter nozzles. Repeat as necessary until the desired cleaning has been achieved. To maintain the system, intermittently apply a solution of this product to the dosing tanks, just ahead of the filter. The amount and frequency of the dosage needed to give satisfactory continuous operation of the trickling filters depends on the severity of the microbiological problem.
3. Biological Oxygen Demand (B.O.D.) Reduction: The condition can usually be avoided by applying the product solution to the effluent until a substantial residual is obtained. Apply at a point that will permit 10 – 20 minute contact time prior to discharging effluent into the stream. A dosage that leaves a residual available chlorine of about 0.2 ppm after a contact time of at least 10 minutes will afford a reduction of about 1/3 of the effluents B.O.D. Where



more permanent or greater B.O.D. reduction is necessary dosing to high available chlorine residuals is recommended.

4. Coagulation and Sedimentation: A great deal of the finer divided suspended matter and most of the colloidal matter in sewage does not readily respond to plain sedimentation. The job of removing substantial portions of this kind of matter is usually accomplished either by chemical precipitation, by filtration or by the use of both processes. Chlorine improves sedimentation and coagulation in sewage treatment operations.
5. Treating Effluent from Mobile Sewage Treatment Units (Including Marine and Recreational Vehicles): Only human waste, toilet paper and water should enter the mobile sewage treatment unit. Solids are retained in the unit for later removal, while the liquid portion is filtered, disinfected and discharged. Product is placed in a flow-through container where the liquid effluent passes over them before being discharged.

Disinfection does not occur instantaneously. A suitable detention basin must be provided to expose the sewage effluent to the effects of this product for a sufficient period of time (usually a minimum of 15 minutes). Frequently test effluent as a safeguard. The available chlorine level in the discharge effluent should be between 0.6 and 1.0 ppm or in accordance with an NPDES permit. [Refer to Dilution Chart for number of tablets to use]

#### FOR USE THROUGHOUT FOOD AND BEVERAGE PROCESSING AND FOOD HANDLING OPERATIONS

[Refer to Dilution Chart for number of tablets to use]

This product is recommended for sanitizing all types of hard, non-porous equipment and utensils used in food processing and canning plants, bottling plants, breweries, fish processing plants, meat and poultry processing plants, milk handling and processing plants, restaurant and institutional dining establishments. Use a 100 ppm available chlorine solution [(refer to Dilution Chart)] to sanitize previously cleaned processing and packaging equipment. Allow at least a one minute contact time before draining. Allow adequate draining before contact with beverages.

To control the growth of bacteria in brewery pasteurizers, clean badly fouled systems before treatment. When the system is noticeably fouled, add 3 ppm available chlorine [(refer to Dilution Chart)] to system water. Repeat this dosage if necessary until the free available chlorine (FAC) level is 0.5 – 1.0 ppm, as determined by use of a reliable test kit. To maintain a FAC of 0.5 – 1.0 ppm, add 0.5 ppm – 1 ppm available chlorine [(refer to chart)] daily as needed. Add this product to the system at a point where adequate flow is maintained.

#### EGG PROCESSING PLANTS

[Refer to Dilution Chart for number of tablets to use]

Clean and destain egg shells prior to sanitizing. To clean egg shells, spray with a 90°F to 120°F 100 ppm available chlorine solution [(refer to Dilution Chart)]. Spray-rinse the cleaned eggs with warm potable water. Only clean, whole eggs may be sanitized. Dirty, cracked or punctured eggs may not be sanitized.

To destain egg shells, immerse the eggs in a 90°F to 120°F solution containing 100 ppm available chlorine [(refer to Dilution Chart)]. After destaining, the eggs must be cleaned by spraying with an acceptable cleaner. Follow with a potable water rinse.

To sanitize clean shell eggs intended for food or food products, spray with a solution containing 100 ppm available chlorine [(refer to Dilution Chart)]. The solution must be equal to or warmer than the eggs, but not to exceed 130°F. Wet eggs thoroughly and allow to drain. Eggs that have been sanitized with this chlorine compound may be broken for use in the manufacture of egg products without a prior potable water rinse. Eggs must be reasonably dry before casing or breaking. The solution must **not** be reused for sanitizing eggs.

Thoroughly clean and sanitize all egg cups, breaking knives, trays and other equipment that come into contact with "off" eggs. First, clean all equipment. Before placing back in use, spray with a solution containing 100 ppm available chlorine [(refer to Dilution Chart)]. Allow surfaces to completely drain before contact with egg product. To sanitize egg freezers and dryers (tanks, pipelines and pumps), use the spray or fog method of treatment (**see Sanitizing Application Methods section**). This procedure is generally used to sanitize large, non-porous surfaces that have already been cleaned of physical soil.

Prepare a solution containing 100 ppm available chlorine [(refer to Dilution Chart)]. Heavily apply spray to all surfaces the eggs will touch. Thoroughly spray all treated surfaces, corners and turns. Allow at least a one minute contact time before draining. Allow equipment to drain adequately before contact with eggs.

#### SANITIZING HARD, NON-POROUS SURFACES, DISHES, GLASSES, FOOD PROCESSING EQUIPMENT AND UTENSILS, DAIRY AND BREWERY EQUIPMENT AND UTENSILS

[Refer to Dilution Chart for number of tablets to use]

This product is an effective sanitizing agent. Treatment with this product throughout food and beverage processing and food handling operations can help ensure the quality and safety of the final product.

#### Hand Washing of Items

1. Remove all gross food particles and soil by a preflush or prescrape and, when necessary, presoak treatment. Wash surfaces or objects with a good detergent or compatible cleaner, followed by a potable water rinse before application of the sanitizing solution.
2. Prepare a 100 ppm available chlorine sanitizing solution [(refer to Dilution Chart)].
3. Place equipment, utensils, dishes, glasses, etc. in the solution or apply the use solution to surfaces using a cloth, sponge, or coarse sprayer.
4. Allow to stand at least one minute, drain the excess solution from the surface and allow to air dry.
5. Fresh sanitizing solution must be prepared at least daily or more often if the solution becomes diluted or soiled.

#### Machine Washing of Items

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1. Remove all gross food particles and soil by a preflush or prescrape and, when necessary, presoak treatment. Wash surfaces or objects with a good detergent or compatible cleaner, followed by a potable water rinse before application of the sanitizing solution.
2. Prepare a 100 ppm available chlorine solution [(refer to Dilution Chart)].
3. Add the solution to the feed tank of immersion or spray type machines that can provide at least one minute contact time for sanitizing dishes, glasses, food processing equipment or utensils. Allow to drain and air dry before use.
4. Promptly use the sanitizing solution. Prepared solutions cannot be reused for sanitizing but may be used for other purposes, such as cleaning.

#### ANIMAL HOUSING FACILITIES (Including Poultry Houses, Swine Confinement Facilities, Veterinary Clinics, Zoos and Farms)

The problem of odor control in poultry houses and other animal facilities is not completely solved by normal cleaning practices. The regular use of an efficient bactericide and deodorant is strongly recommended and often required by health authorities.

Remove all poultry or animals and feeds from premises, trucks, vehicles, coops, crates and enclosures. Remove all litter and manure or droppings from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals or poultry. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. To disinfect, saturate all surfaces with a 1,300 ppm available chlorine solution [(refer to Dilution Chart)] for a period of five minutes. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure. Ventilate buildings, cars, boats, coops and other closed spaces. Do not house livestock or poultry or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before reuse.

#### SHOE AND BOOT BATH SANITIZER

[To prevent cross contamination into treated animal areas and the packaging and storage areas of food plants.] Shoe and Boot baths containing one inch of freshly made 100 ppm available chlorine [(refer to Dilution Chart)] should be placed at all entrances to buildings, hatcheries and at all the entrances to the production and packaging rooms. Scrape waterproof [shoes] [and] [boots] and place into solution for at least one minute [60 seconds] prior to entering area. Change the sanitizing solution in the bath at least daily or sooner if solution appears diluted or dirty.

#### MILK HANDLING AND PROCESSING EQUIPMENT

This product can be used on dairy farms and in plants processing milk, cream, ice cream and cheese. Rinse milking machines, utensils and all equipment with cold water to remove excess milk. Clean and rinse prior to sanitizing. To sanitize, spray or rinse all precleaned surfaces with 100 ppm available chlorine [(refer to Dilution Chart)]. Allow adequate draining before contact with dairy products.

It is important to clean out large deposits of milk or other organic matter before sanitizing. A sharp decline in the available chlorine content of the sanitizer following circulation through milk processing equipment is usually regarded as evidence of inadequate cleaning of the equipment and should be promptly investigated.

### **SANITIZING APPLICATION METHODS**

Freshly prepare all sanitizing solutions. Test solutions during use to ensure the concentration does not drop below the recommended level. Keep in properly labeled containers to protect against contamination. Discard unused solutions.

#### **Pressure Method of Sanitizing Equipment**

This method is commonly used to sanitize closed systems, such as fluid milk cooling and handling equipment. It is also appropriate for sanitizing weigh tanks, coolers, short-time pasteurizers, pumps, homogenizers, fillers, sanitary piping and fittings, and bottle and can fillers. For mechanical operations, prepared solutions cannot be reused for sanitizing but may be used for other purposes, such as cleaning. For manual operations, fresh sanitizing solutions must be prepared at least daily or more often if the solution becomes diluted or soiled. First, disassemble and thoroughly clean all equipment immediately after use. Remove all gross food particles and soil by a preflush or prescrape and, when necessary, presoak treatment. Wash surfaces or objects with a good detergent or compatible cleaner, followed by a potable water rinse before application of the sanitizing solution. Then place back in operating position. Prepare a solution containing 100 ppm available chlorine [(refer to Dilution Chart)] in a volume equal to 110% of capacity. Pump the solution through the system until it is filled with sanitizer and air excluded. Close final drain valves and hold under pressure for one minute to ensure proper contact with all surfaces. Remove a portion of the cleaning solution from the drainvalve and test with a chlorine test kit. Repeat entire cleaning/sanitizing process if effluent contains less than 50 ppm available chlorine. {"Rinse system with potable water prior to use" removed.}

#### **Spray Method of Sanitizing Equipment**

The spray (or fog) method is generally used to sanitize large, non-porous surfaces that have already been freed of physical soil. It is appropriate for batch pasteurizers, holding tanks, weigh tanks, tank trucks and cars, vats, tile walls, ceilings and floors. Clean all surfaces after use. Prepare a solution containing 100 ppm available chlorine [(refer to Dilution Chart)]. Use pressure spraying or fogging equipment designed to resist chlorine-containing solutions (e.g. rubber-coated, plastic or stainless steel). When using any other kind of spraying equipment, always empty and thoroughly rinse the spray/fog equipment with potable water immediately after treatment. Apply spray or fog heavily to all surfaces the product will touch. Thoroughly spray (or fog) all treated surfaces, corners and turns until wet. Allow at least a one minute contact time before draining. Allow excess solution to drain and air dry then place in service. Vacate area for at least two hours.

#### **General Rinse Method**

Solutions containing 100 ppm available chlorine [(refer to Dilution Chart)] sanitize plant floors, walls and ceilings, and also control odors in refrigerated areas and drain platforms. Generously flush or swab surfaces with the solution. After one minute contact time allow solution to drain and then air dry.

{the appropriate chart will be used on the market label for each tablet size and number of tablets in container}

Dilution Chart {4 g Tablets}			Dilution Chart {0.33g tablets}			Dilution Chart {17.68g tablets}			Dilution Chart {3.25g tablets}		
Solution (Available chlorine)	Tablets (4g or 0.14 oz. each)	Gallons of Water	Solution (Available chlorine)	Tablets (0.33g or 0.01oz each)	Gallons of Water	Solution (Available chlorine)	Tablets (17.68g or 0.62oz each)	Gallons of Water	Solution (Available chlorine)	Tablets (3.25g or 0.11 oz each)	Gallons of Water
0.5ppm	1	625	0.5ppm	1	55	0.5ppm	1	2,500	0.5ppm	2	625
	4	2,500		10	550		5	2,500			
	8	5,000	2	5,000	2		5,000				
	15	10,000	4	10,000	4		10,000				
1ppm	1	325	1ppm	1	25	1ppm	4	10,000	1ppm	2	325
	2	650		5	135		3	650			
	3	1,000	10	275	4		1,000				
	30	10,000	7	10,000	37		10,000				
3 ppm	1	100	3 ppm	11	100	3 ppm	1	500	3 ppm	2	100
	5	500		25	230		6	500			
	9	1,000	55	500	2		1,000				
	90	10,000	20	10,000	11		1,000				
4 ppm	6	500	4 ppm	73	500	4 ppm	3	1,000	4 ppm	8	500
	15	500		2	5		19	500			
10 ppm	1	3	100 ppm	1	1 quart	100 ppm	1	15	100 ppm	2	3
	3	10		4	1		4	10			
1,300ppm	12	40	1,300ppm	12	1 quart	1,300ppm	3	3	1,300ppm	15	40
	4	1		47	1		5	1			
	39	10					11	12		48	10

Note: Bracketed [ ] information is optional text. {Bracketed Text} is for administrative purposes only and will not appear on the printed label.

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### Storage and Disposal

Do not contaminate water, food or feed by storage or disposal.

Storage: Keep product dry in tightly closed container when not in use. Store in a cool, dry, well-ventilated area away from heat or open flame.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, 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.

*{for tablets in plastic container}*

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Thoroughly rinse empty container with water to dissolve all material before discarding in trash or recycling.

*{for individually wrapped tablets in paper box}*

Container Disposal: Throw tablet wrapper in trash. Outer container – Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or dispose in trash.

*{for individually wrapped tablets in plastic container}*

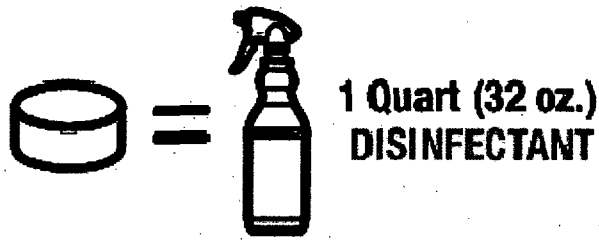
Container Disposal: Throw tablet wrapper in trash. Outer container – Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Thoroughly rinse empty container before discarding in trash or recycling.

### Emergency Handling

In case of contamination or decomposition do not reseal container. If possible, isolate container in open and well-ventilated area. Flood with large volumes of water. Dispose of contaminated material in an approved landfill area.

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## Mixing Instructions



{Additional Graphic above for 4 gram tablets}