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EFFERSAN™
Concentrated Effervescent Tablets

Protects Against Odour
Controls Bacteria and Algae

COMMERCIAL

GUARANTEE:

Available chlorine present as sodium dichloro-s-triazinetrione..... 30%

KEEP OUT OF REACH OF CHILDREN
READ THE LABEL BEFORE USING

REGISTRATION NO: 25087 PEST CONTROL PRODUCTS ACT

DIN 02238439

DANGER

{Insert Diamond "Corrosive" Symbol}

CORROSIVE
CORROSIVE TO EYES
DANGEROUS GAS FORMED WHEN MIXED WITH ACID

Net Contents: 100 Tablets [386 Grams]

Activon, Inc.
123 Commercial Drive
Beaver Dam, WI
53916
970-667-3477

DIRECTIONS FOR USE

GENERAL

Effersan™ Concentrated Effervescent Tablets is a multi-purpose concentrated, effervescent sanitizer for use in agricultural, horticultural, industrial and institutional areas. This product is recommended for sanitizing all types of hard non-porous surfaces, equipment and utensils in agricultural operations, food handling and food and beverage processing establishments, warehouses and institutions. This product can also be used for avian egg sanitizing.

NOTE: This product in its use dilutions is compatible with most surface types not susceptible to the corrosive action of chlorine compounds. However, it is recommended that you apply the product to a small test area to determine compatibility before proceeding with its use.

All sanitizing solutions should be freshly prepared. Solutions should be tested during use to make sure the concentration does not drop below the recommended level. Keep in properly labelled containers to protect against contamination.

Spray Method of Sanitizing Premises and Equipment: The spray (or fog) method is generally used to sanitize large, nonporous 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.

Prepare solution containing 100 ppm available chlorine. If possible, 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, be sure to empty and rinse thoroughly with fresh water immediately after treatment.

Apply spray thoroughly or fog heavily to all surfaces to be sanitized. All treated surfaces, corners and turns should be thoroughly sprayed. Allow at least a one minute contact time before draining. Allow excess solution to drain off thoroughly and air dry, then place in service.

General Rinse Method: Solutions prepared with this product containing 100 ppm available chlorine will sanitize plant floors, walls and ceilings, and also control odours in refrigerated areas and drain platforms.

Flush or swab surfaces generously with the solution. After one minute contact time, allow solution to drain thoroughly and then air dry.

Equipment Sanitizing Method: 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, clean all equipment thoroughly, immediately after use. Remove all gross food particles and soil by a pre-flush or pre-scrape 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 10 tablets of this product per 100 Litres of water (providing 100 ppm available chlorine) in a volume sufficient to fill the equipment. Allow a 10% excess for waste.

Pump the solution through the system until it is filled and air excluded. Close final drain valves and hold under pressure for one minute to insure proper contact with all surfaces. Then drain the solution and allow to air dry.

FOOD AND BEVERAGE PROCESSING AND FOOD HANDLING ESTABLISHMENTS

This product is recommended for sanitizing all types of hard, nonporous equipment and utensils used in food processing and canning plants, bottling plants and breweries, fish, meat and poultry processing plants, milk handling and processing plants and restaurant and institutional dining establishments. Use 10 tablets of this product to 100 Litres of water (100 ppm available chlorine) to sanitize previously cleaned processing and packaging equipment. Allow at least a one minute contact time before draining. Allow adequate draining and drying time before contact with food or beverages.

To control the growth of bacteria in brewery pasteurizers, badly fouled systems should be cleaned before treatment. When the system is just noticeably fouled, add 50-70 tablets of this product per 40,000 Litres of water contained in the system. 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. To maintain a FAC of 0.5-1.0 ppm, add 7-14 tablets of this produce per 40,000 Litres of water daily, or as needed. This product should be added to the system at a point where adequate flow is maintained.

EGG PROCESSING PLANTS

To clean egg shells, spray with a solution containing 10 tablets of this product per 100 Litres of water (100 ppm available chlorine) at 32°C to 50°C. Spray rinse the cleaned eggs with warm potable water. Only clean, whole eggs can be used for sanitizing. Dirty, cracked or punctured eggs cannot be sanitized.

To de-stain egg shells, immerse the eggs in a solution containing 100 ppm available chlorine at 32°C to 50°C. After de-staining, the eggs must be cleaned by spraying with an acceptable cleaner. Follow with potable water rinse.

To sanitize clean shell eggs intended for food or food products, spray with a solution containing 10 tablets of this product per 100 Litres of water (providing 100 ppm available chlorine). The solution must be equal to or warmer than the eggs, but not to exceed 54°C. 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 prior potable water rinse. If eggs **are to be immediately broken** for use in the manufacture of egg products, they must be subjected to a thorough potable water rinse. Eggs must be reasonably dry before casing or breaking. The solution must not be reused for sanitizing eggs.

All egg cups, breaking knives, trays and other equipment that come into contact with eggs should be thoroughly cleaned and sanitized. First, clean all equipment. Before placing back in use, spray with a solution containing 10 tablets of this product per 100 Litres of water (providing 100 ppm available chlorine). Allow surfaces to drain thoroughly before contact with egg products. To sanitize egg freezers and dryers (tanks, pipelines and pumps), use the spray (or fog) method of treatment described above.

MILK HANDLING AND PROCESSING EQUIPMENT

For use 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 a solution of 3 tablets of this product to 35 Litres of water, to obtain a 100 ppm available chlorine solution. Allow adequate draining before contact with products.

SANITIZING HARD, NONPOROUS SURFACES, DISHES, GLASSES, FOOD PROCESSING EQUIPMENT AND UTENSILS, DAIRY AND BREWERY EQUIPMENT AND UTENSILS

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

Hand Washing of Items:

1. Remove all gross food particles and soil by a pre-flush or pre-scrape 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 sanitizing solution by dissolving 3 tablets of this product in 35 Litres of water. This will give a solution containing 100 ppm free available chlorine (**FAC**).
3. Place equipment, utensils, dishes, glasses, etc. in the solution or spread the solution over the surface to be sanitized.
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:

1. Remove all gross food particles and soil by a pre-flush or pre-scrape 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. Dissolve 3 tablets of this product in 35 Litres of water to obtain a solution of 100 ppm FAC.
3. Add the solution to the feed tank of immersion or spray-type machines which 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. The sanitizing solution should be used promptly. Prepared solutions cannot be reused for sanitizing, but may be used for other purposes, such as cleaning.

SANITIZING AGRICULTURAL AND VETERINARY PREMISES

The problem of odour control in animal housing 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 animals and feed from premises, vehicles and enclosures to be treated. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities occupied or traversed by animals. 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 solution of at least 1,000 ppm available chlorine for a period of two minutes. A 1,000 ppm solution can be made by thoroughly mixing 30 tablets with 35 Litres of water.

Immerse all types of equipment used in handling and restraining animals, as well as the cleaned forks, shovels and scrapers used for removing litter and manure.

Ventilate buildings, cars, boats or other closed spaces after treatment. Do not allow animals to re-enter premises or employ equipment until chlorine has been dissipated.

All treated feed racks, mangers, troughs, automatic feeders, fountains and waterers must be thoroughly scrubbed with soap or detergent and then rinsed with potable water before reuse.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. CORROSIVE. DANGEROUS GAS FORMED WHEN MIXED WITH ACID. Causes severe eye damage. Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with eyes, skin, or clothing. Irritating to nose and throat. Avoid breathing dust or fumes. Wash hands, face and exposed skin before eating, drinking, or smoking, and after leaving the work area. Remove contaminated clothing and wash clothing before reuse. Accidental splashes on exposed skin or eyes should be washed off immediately with plenty of water.

Wear chemical resistant gloves, long pants, a long sleeved shirt, shoes and face protection (face shield) when handling this product. Do not remain in treated areas. Ensure proper ventilation after sealed areas have been treated. Do not contaminate food, feed or water troughs. Any treated surface that may contact food or feed products should be washed thoroughly with fresh water after treatment and before reuse.

Strong oxidizing agent. Use only clean, dry utensils. Mix only into water. Do not mix with a toilet bowl cleaner, rust remover, household ammonia or acids. 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 material (e.g. lit cigarette). Do not use this product in any chlorinating device which has been used with any inorganic or unstabilized chlorinating compounds (e.g. calcium hypochlorite). Such use may cause fire or explosion.

This pesticide is toxic to birds, fish and aquatic invertebrates. Do not contaminate any body of water.

Store in the original, tightly sealed, container in a well-ventilated room. Store in a dry place away from heat or open flame.

FIRST AID INSTRUCTIONS:

DANGER - Contains Sodium Dichloro-s-Triazinetrione, a strong oxidizing agent. Corrosive.

IF SWALLOWED: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION:

This product is an oxidizing agent and is corrosive and an irritant. Probable mucosal damage may contraindicate the use of gastric lavage.

PRODUCT DECONTAMINATION AND DISPOSAL:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the treatment site.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.