Hydro-Chem Systems, Inc.

PURE GUARD
Sanitizer • Disinfectant • Deodorizer • *Virucide • Mildewstat

Active Ingredients:
- Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈) dimethyl benzyl ammonium chlorides . . . . . . . . . . . . . . . . 5.0%
- Alkyl (68% C₁₂, 32% C₁₆) dimethyl ethylbenzyl ammonium chlorides . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 5.0%

Inert Ingredients: . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 90.0%

TOTAL . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 100.0%

EPA Reg. No. 1839-86-47050
EPA Est. No. 5747-MI-1

KEEP OUT OF REACH OF CHILDREN
DANGER

FIRST AID
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **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 center or doctor for treatment advice. **If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. **If swallowed:** Call a poison control center 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person. **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 center or doctor for further treatment advice.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

See side panel for additional precautionary statements.
This product is designed for use in hotels, schools, athletic/recreational facilities/tanning spas, dairies, food processing plants, food service establishments, restaurants and bars where disinfection, sanitization and deodorization is of prime importance. When used as directed, Pure Guard is formulated to disinfect hard, non-porous, inanimate environmental surfaces: floors, walls, glazed porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, cabinets, tables, chairs, tanning beds and telephones. Use this product on multi-touch surfaces responsible for cross-contamination. Use Pure Guard to clean, disinfect and deodorize garbage pails and other areas where obnoxious odors develop.

**DIRECTIONS FOR USE**

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

**DISINFECTANT**: To disinfect inanimate, hard non-porous surfaces apply use-solution with mop, cloth, sponge, low pressure coarse sprayer or hand pump trigger sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use. Surfaces which may contact food must be rinsed thoroughly with potable water after use. For low pressure coarse sprayer and hand pump trigger sprayer applications, spray 6-8 inches from the surface, rub with brush, sponge or cloth. Do not breathe spray. NOTE: For spray applications, cover or remove all food products.

**GENERAL DISINFECTANT**: Add 3 ounces of this product per 5 gallons of water for disinfection against Staphylococcus aureus, Salmonella enterica, Listeria monocytogenes, and Yersinia enterocolitica. To disinfect food processing premises: floors, walls, and storage areas, add 3 ounces of this product per 5 gallons of water (or equivalent dilution). For heavily soiled areas, a pre-cleaning step is required. Apply solution with a mop, cloth, sponge or hand pump trigger sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. Before using this product, food products and packaging materials must be removed from the area or carefully protected.

After use, all surfaces in the area must be thoroughly rinsed with potable water. To disinfect food service establishment or restaurant food contact surfaces: countertops, outside of appliances, tables, add 3 ounces of this product per 5 gallons of water (or equivalent dilution). For heavily soiled areas, a pre-cleaning step is required. Apply solution with a mop, cloth, sponge or hand pump trigger sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid and rinse the surface with potable water. Do not use on utensils, dishes, glasses or cookware. *VIRUCIDAL ACTIVITY*: This product, when used on environmental, inanimate, hard non-porous surfaces at 3.5 ounces per 5 gallons of water exhibits effective virucidal activity against Influenza A/H1N1, Herpes Simplex Type 1, Adenovirus Type 5, Vaccinia Virus, Avian Influenza A/Turkey/Wisconsin, Newcastle Disease Virus, Human Coronavirus and SARS associated Coronavirus. EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM). Mildewstest: To control mold and mildew on pre-cleaned, hard, non-porous surfaces add 3 ounces of this product per 5 gallons of water. Apply solution with a cloth, mop, sponge, or hand pump trigger sprayer making sure to wet all surfaces completely.

Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mold growth occurs. **GENERAL DEODORIZATION**: To deodorize, add 3 ounces of this product to 5 gallons of water (or equivalent use solution). Let air dry. For Deodorizing Garbage Cans, Garbage Trucks, Industrial Waste Receptacles and Garbage Handling Equipment: It is especially important to pre-clean for this product to perform properly. Apply a wetting concentration of 3.2 ounces of this product per gallon of water. **FOOD CONTACT SURFACE SANITIZATION DIRECTIONS**: Sanitization: Recommended for use in restaurants, dairies, food processing plants, and bars. When used as directed this product is an effective sanitizer at an active quaternary concentration of 200-400 ppm when diluted in water up to 650 ppm hardness (CaCO₃) in public eating establishments, dairies and food processing plants against Escherichia coli (ATCC 11229), Escherichia coli O157:H7 (ATCC 43895), Staphylococcus aureus (ATCC 6538), Yersinia enterocolitica (ATCC 23715), Listeria monocytogenes (ATCC 35152), Salmonella typhi (ATCC 6539), Shigella sonnei (ATCC 11060), Vibrio cholera (ATCC 14035), Methicillin resistant Staphylococcus aureus (MRSA) (ATCC 35359), Vancomycin resistant Enterococcus faecalis (VRE) (ATCC 51229), and Campylobacter jejuni (ATCC 33592).

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. 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 sewage systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER. KEEP OUT OF REACH OF CHILDREN. CORROSIVE. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, rubber gloves, and protective clothing. Harmful if swallowed. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

**STORAGE AND DISPOSAL**

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL. PESTICIDE STORAGE: Store in a dry place no lower in temperature than 50°F or higher than 120°F. Store in a tightly closed container in an area inaccessible to children.

**PESTICIDE DISPOSAL**: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinse 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.

**CONTAINER DISPOSAL**: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container promptly after emptying. Triple rinse as follows: Fill container 1/4 full with water. Tip container on its side and roll it back and forth ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Follow Pesticide Disposal instructions for rinseout disposal. Repeat this procedure two more times. Offer for recycling or reconditioning, if available. If not available, puncture and dispose in a sanitary landfill.

**SPILL OR LEAK PROCEDURES**: Small spills may be mopped up flushed away with water or absorbed on some absorbent material and ininerated. Large spills should be contained the material then moved into containers and disposed of by approved methods for hazardous wastes.