

# sanitol



CODE: SANI    DIN 02248470

**DESCRIPTION:** Disinfectant, No rinse food contact surface sanitizer, Deodorizer, Mildewstat (on hard non-porous inanimate surfaces)

**ACTIVE INGREDIENTS:**

*N-Alkyl (5%C12, 60%C14, 30%C16, 5%C18) Dimethyl Benzyl Ammonium Chloride 5.0% w/w*

*N-Alkyl (68%C12, 32%C14) Dimethyl Ethyl Benzyl Ammonium Chloride 5.0% w/w*

**SANITOL** is designed specifically for hospitals, food processing plants, dairies, restaurants, bars, animal quarters, kennels and institutions where disinfection, sanitization and deodorization is of prime importance. When used as directed, this product is formulated to **disinfect precleaned inanimate, hard surfaces** such as walls, floors, sink tops, tables, chairs, and bed frames. This product **deodorizes** those areas which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, pet areas and any other areas which are prone to odours caused by microorganisms. In addition, this product can also be used to **sanitize** previously cleaned food grade eggs in shell egg and egg product processing plants.

**DIRECTIONS FOR BEST RESULTS:**

**DISINFECTION:** To disinfect pre-cleaned, inanimate, hard surfaces, apply this product with mop cloth sponge or coarse (trigger) spray so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. Prepare a fresh solution for each use.

**FOR DISINFECTION OF PRE-CLEANED POULTRY EQUIPMENT** (brooders, watering fountains, feeding equipment), ANIMAL QUARTERS AND KENNELS, apply a solution of 22 mL of this product per 4 litres of water (1:180). Small utensils should be immersed in this solution. Prior to disinfection, all poultry, other animals, and their feeds must be removed from the premises. This includes emptying all troughs, racks and other feeding and watering appliances. Remove all litter and droppings from floors, walls and other surfaces occupied and traversed by poultry or other animals and thoroughly clean all surfaces prior to disinfection. After disinfection, ventilate building, coops, and other closed spaces. Do not house poultry, other animals or employ equipment until treatment has been absorbed, set, or dried. All treated equipment that will contact feed or drinking water must be rinsed with potable water before reuse.

**DISINFECTING POTATO STORAGE AREA AND EQUIPMENT:** Remove all potatoes prior to disinfection of potato storage area or equipment. Pre-clean hard surfaces by removing heavy soil or gross filth. Follow GENERAL DISINFECTION procedure. All treated surfaces must be thoroughly rinsed with potable water.

**DILUTION RATES: GENERAL DISINFECTION:** Add 22 mL of this product per 4 litres of water (1:180) for disinfection against *Staphylococcus aureus*, *Salmonella enterica*, *Listeria monocytogenes*, *Yersinia enterocolitica*. **HOSPITAL GRADE DISINFECTANT:** Add 22 mL of this product per 4 litres of water (1:180) for disinfection against *Pseudomonas aeruginosa* and Vancomycin intermediate resistant *Staphylococcus aureus* (VISA).

**DEODORIZATION:** To deodorize, apply this product as indicated under the heading DISINFECTION.

**SANITIZATION:** For use in restaurants, dairies, food processing plants, and bars. This product is an effective sanitizer when diluted in water up to 650 ppm hardness (CaCO<sub>3</sub>). (see enclosed insert for list of bacterias). Remove all gross food particles and soil from areas which are to be sanitized with good detergent, pre-flush, pre-soak or pre-scrape treatment. Rinse with a potable water rinse. To sanitize pre-cleaned and potable water-rinsed, non-porous, food contact surfaces, prepare a 200 ppm active quaternary solution by adding 8 mL of this product to 4 litres of water (1:500). TO SANITIZE IMMOBILE ITEMS such as tanks, chopping blocks and counter tops, flood the area with 200 ppm active quaternary solution for at least 60 seconds making sure to wet all surfaces completely. TO SANITIZE MOBILE ITEMS such as drinking glasses and eating utensils, immerse in a 200 ppm active quaternary solution for at least 60 seconds making sure to immerse completely. Remove, drain the use solution from the surface and air dry. Prepare a fresh solution daily or more frequently as soil is apparent. When used for sanitization of previously cleaned food equipment or food contact items, limit the active quaternary to 200 ppm. NO POTABLE WATER RINSE IS REQUIRED. To sanitize previously cleaned food-grade eggs in shell egg and egg product processing plants: see enclosed insert for instructions.

**BACTERICIDAL ACTIVITY:** Efficacy tests have demonstrated that this product is an effective bactericide in the presence of organic soil (5% blood serum).

**MILDEWSTAT** - To control mold and mildew on pre-cleaned, hard, non-porous surfaces add 22 mL of this product per 4 litres of water (1:180). Apply solution with a cloth, mop, or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears.

**SANITIZATION** - When used as directed this product is an effective sanitizer against *Escherichia coli*, *Yersinia enterocolitica*, and *Staphylococcus aureus*, *E. coli* 0157:H7, *Shigella sonnei* (ATCC 11060), *Vibrio cholera* (ATCC 14035), Methicillin resistant *Staphylococcus aureus* (MRSA) (ATCC 33592), Vancomycin resistant *Enterococcus faecalis* (VRE) (ATCC 51299), *Klebsiella pneumoniae* (ATCC 4352), *Listeria monocytogenes* (ATCC 35152), *Salmonella typhi* (ATCC 6539), *Campylobacter jejuni* (ATCC 29428).

In case of chemical emergency only, call CANUTEC 1-613-996-6666  
**Chemotec (P.M.) Inc**, 8820 Place Ray Lawson, Anjou, Quebec, H1J 1Z2.

**QUESTIONS/COMMENTS?** Tel: 1-514-729-6321 / 1-800-729-6321, Fax: 1-514-729-6322, [service@safblend.com](mailto:service@safblend.com), [www.safblend.com](http://www.safblend.com)

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To sanitize previously cleaned food-grade eggs in shell egg and egg product processing plants, spray with a solution of 8 mL of this product in 4 litres of warm water (1:500 or 200 ppm quat). The solution should be warmer than the eggs, but not to exceed 54 °C. Wet eggs thoroughly and allow to drain.

Eggs to be stored following treatment need not be rinsed. Eggs sanitized with this product shall be subjected to a potable water rinse if they are to be broken immediately for use in the manufacture of egg products. Eggs should be reasonably dry before casing or breaking. The solution should not be reused for sanitizing eggs.

**VIRUCIDAL ACTIVITY** - This product, when used on precleaned environmental inanimate hard surfaces at 22 mL per 4 litres of water (1:180). Exhibits effective virucidal activity against Influenza A2/Japan, herpes Simplex Type 1, Adenovirus Type 5, Vaccinia virus, and Avian influenza A/Turkey/Wisconsin, Human Immunodeficiency Virus Type 1 (HIV-1), Newcastle disease virus, Laryngotracheitis Virus, Porcine Respiratory and Reproductive Syndrome virus.

**KILLS HIV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings (Hospitals, Nursing Homes) or other settings which there is an expected likelihood of soiling in inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1).

**Special instructions for cleaning and decontamination against HIV-1 on surfaces soiled with blood/body fluids. Personal Protection:** When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks, or eye coverings. **Cleaning Procedures:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application. **Contact Time/Concentration:** At a use dilution of 32.5 mL per 4 L (806 ppm or 1:128) this product is effective against HIV-1 in the presence of 5% blood serum with a 10-minute contact time. **Disposal of Infectious Materials:** Blood and other body fluids should be autoclaved and disposed of according to regulations for infectious water disposal.

**This product has demonstrated effectiveness against Influenza A2/Japan virus and is expected to inactivate all Influenza A viruses including 2009 (H1N1) pandemic Influenza A virus.**

**THIS PRODUCT IS EFFECTIVE AGAINST ADENOVIRUS TYPE 5 AND IS EXPECTED TO INACTIVATE SARS-COV-2 (THE VIRUS THAT CAUSES COVID-19).**

#### ENVIRONMENTAL PROFILE:

- **phosphate-free** to reduce pollution of lakes and rivers.
- **Fragrance free**
- **biodegradable** as per OECD 302 standard.
- **Recyclable** packaging
- **TDG classification:** Not regulated

**PRECAUTIONS:** KEEP OUT OF REACH OF CHILDREN. **CAUTION: SKIN AND EYE IRRITANT.** Harmful if swallowed. Avoid contamination of food. Do not store in food processing or food storage areas. Do not mix with any other chemical. Avoid contact with undiluted product.

**FIRST AID:** If contact with eyes or skin, flush thoroughly with water for 15 minutes. For eye contact, get medical attention. If swallowed, drink two or three glasses of milk or water. Call a physician or poison control centre immediately. Take container, label or product name and Drug identification Number with you when seeking medical attention. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the Use of gastric lavage.

**STORAGE:** Store tightly closed in a cool, dry place in original container away from sunlight. Do not freeze.

**DISPOSAL:** Rinse the emptied container thoroughly. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For information on the disposal of unused, unwanted product and the cleanup of spills, contact the Provincial Regulatory Agency or the Manufacturer.

#### PHYSICAL PROPERTIES:

|                      |                                            |                              |                              |
|----------------------|--------------------------------------------|------------------------------|------------------------------|
| Physical state       | Liquid                                     | Evaporation Rate (nBuAc = 1) | 0.4 (water)                  |
| Colour               | colorless                                  | % Volatile (Wt %)            | ≤1                           |
| Odour                | No added fragrance, no characteristic odor | Vapor pressure (mm Hg)       | 20 mm Hg (water)             |
| Odor Threshold (ppm) | N/A                                        | Vapor density (Air = 1)      | 0.6 (water)                  |
| pH                   | 6.0 – 8.0                                  | Density (water = 1 at 4°C):  | 1.0 g/cm <sup>3</sup> @ 20°C |
| Freezing point       | Approximately 0°C                          | Solubility in water          | Miscible                     |
| Boiling point        | Approximately 100°C                        | Viscosity                    | <100 cps @ 25°C              |

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