

## SANITOL DISINFECTANT - NO RINSE FOOD – CONTACT SURFACE SANITIZER - DEODORIZER - MILDEWSTAT

### TECHNICAL DATA SHEET

CODE : SANI

**SANITOL - DISINFECTANT, NO RINSE SANITIZER, DEODORIZER, MILDEW-STAT - CONCENTRATE** 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 pre-cleaned 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:**

**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.

#### **DILUTION RATES:**

**GENERAL DISINFECTION** - Add 22 mL of this product per 4 Litres of water for disinfection against *Staphylococcus aureus*, *Salmonella choleraesuis*, *Listeria monocytogenes*, *Yersinia enterocolitica*, *Escherichia coli* and *E. coli* 0157:H7

**HOSPITAL DISINFECTION** - Add 22 mL of this product per 4 Litres of water for disinfection against *Pseudomonas aeruginosa* and Vancomycin intermediate resistant *Staphylococcus aureus* (VISA).

**OTHER USES:** For disinfection of pre-cleaned poultry equipment (brooders, watering founts, feeding equipment), animal quarters and kennels, apply a solution of 22 mL of this product per 4 Litres of water. 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. **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.

This product, when used on pre-cleaned environmental inanimate hard surfaces at 22 mL per 4 Litres of water exhibits effective virucidal activity against Influenza A2/Japan, herpes Simplex Type 1, Adenovirus Type 5, Vaccinia virus, and Avian influenza A/Turkey/Wisconsin (causative agent of an acute avian lower respiratory tract infection), Human Immunodeficiency Virus Type 1 (HIV-1), Newcastle disease virus, Laryngotracheitis Virus, Porcine Respiratory and Reproductive Syndrome virus.

#### **DEODORIZATION:**

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



**MILDEWSTAT:**

To control mould and mildew on pre-cleaned, hard, non-porous surfaces add 22 mL of this product per 4 Litres of water. 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.

EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

**SANITIZATION:**

For use in restaurants, dairies, food processing plants, and bars. 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).

**ENVIRONMENTAL PROFILE:**

SANITOL - DISINFECTANT, NO RINSE SANITIZER, DEODORIZER, MILDEWSTAT - CONCENTRATE is phosphate-free to reduce pollution of lakes and rivers. It is also exempt of nonylphenol ethoxylates and other ethoxylates (NPE's, OPE's, and APE's) which are suspected of being endocrine disruptors. It does not contain EDTA and is also fragrance-free

SANITOL - DISINFECTANT, NO RINSE SANITIZER, DEODORIZER, MILDEWSTAT - CONCENTRATE is biodegradable as per OECD 302 standard

For pre-cleaning prior to using SANITOL - DISINFECTANT, NO RINSE SANITIZER, DEODORIZER, MILDEWSTAT - CONCENTRATE, we can recommend one of our EcoLogo certified Safeblend cleaners

TDG CLASSIFICATION: Not regulated

**ACTIVE INGREDIENTS**

N-Alkyl (5%C12,60%C14,30%C16,5%C18) dimethyl benzyl ammonium chloride 5.0%  
N-Alkyl (68%C12,32%C14) dimethyl ethyl benzyl ammonium chloride 5.0%

<b>PHYSICAL PROPERTIES:</b>			
<b>Boiling Point</b>	100 °C	<b>pH (as supplied)</b>	7.0 – 8.0
<b>Specific Gravity (H2O = 1):</b>	1.0	<b>Physical State</b>	Liquid
<b>Vapor Pressure (mm Hg):</b>	20 (water)	<b>Viscosity at 25 °C</b>	≤ 100 cps
<b>% Volatile (Wt %):</b>	≤ 1	<b>Appearance and Odor</b>	Transparent liquid, Colorless
<b>Vapor Density (Air = 1):</b>	N/A	<b>Freezing point</b>	Approximately 0 °C
<b>Evaporation Rate (nBuAc = 1):</b>	0.4 (water)	<b>Odour</b>	No Characteristic Odor
<b>Solubility in Water</b>	Complete	<b>Odor Threshold (ppm)</b>	Not available

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