

# saniblend<sup>32</sup>



LEMON CLEANER-DISINFECTANT-DETERGENT-DEODORIZER-FUNGICIDE- MILDEWSTAT

CODE: S32L DIN 02344920

**DESCRIPTION:** Cleaner, Disinfectant, Detergent, Deodorizer, Fungicide (against pathogenic fungi), Mildewstat (on hard non-porous inanimate surfaces)

**ACTIVE INGREDIENTS:**

Octyl Decyl Dimethyl Ammonium Chloride 0.814% w/w  
Dioctyl Dimethyl Ammonium Chloride 0.407% w/w

Didecyl Dimethyl Ammonium Chloride 0.407% w/w  
Alkyl (40% C<sub>12</sub>, 50% C<sub>14</sub>, 10% C<sub>16</sub>) Dimethyl Benzyl Ammonium Chloride 1.085% w/w

This product is a **phosphate-free formulation** designed to provide **effective cleaning, deodorizing, and disinfection** in hospitals, nursing homes, hotels, schools, food processing establishments, restaurants, athletic/recreation facilities, sports stadiums, amphitheatres, convention centers and other institutions where housekeeping is of prime importance in controlling cross-contamination from treated surfaces. This product, when used as directed, is **formulated to disinfect hard non-porous inanimate environmental surfaces** such as floors, walls, metal surfaces, stainless steel surfaces, porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, cabinets and artificial turf surfaces. For larger areas such as operating rooms and patient care facilities, this product is designed to provide both general cleaning and disinfecting. This product **deodorizes** those areas which generally are hard to keep fresh smelling, such as garbage cans, storage areas, empty garbage bins and cans, toilet bowls, and other areas which are prone to odours caused by microorganisms. This product is formulated to a **neutral pH** and will not dull high-gloss floor finishes with repeated use.

**DIRECTIONS FOR BEST RESULTS:**

**DISINFECTION:** To disinfect inanimate, hard non-porous surfaces add 32 mL of this product per litre of water (1:32). 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. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use. For surfaces and/or objects that may come into direct contact with children at the mouthing stage of development, a rinse with potable water is recommended.

**TO DISINFECT TOILET BOWLS:** Remove gross filth or soils from surfaces with bowl brush. Add 32 mL of product to the bowl water. Brush or swab the bowl completely using a scrub brush or toilet mop making sure to get under the rim. Let stand for 10 minutes and flush.

**TO DISINFECT FOOD PROCESSING ESTABLISHMENTS:** To disinfect food processing premises (floors, walls, storage area and equipment): add 32 mL per litre of water (1:32). 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 and carefully protected. After use, all surfaces in the area must be rinsed with potable water.

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

**BACTERICIDAL ACTIVITY:**

**Efficacy tests have demonstrated that this product is an effective bactericide in water up to 400 ppm hardness (as CaCO<sub>3</sub>) in the presence of organic soil (5% blood serum).** At the 32 mL per Litre dilution (1:32), this product demonstrates effective activity against the organisms:

<i>Bordetella bronchiseptica</i>	<i>Salmonella choleraesuis</i> subsp. <i>choleraesuis</i>	<i>Serratia marcescens</i>
<i>Corynebacterium ammoniagenes</i>	serotype typhimurium	<i>Shigella sonnei</i>
<i>Enterobacter aerogenes</i>	<i>Salmonella choleraesuis</i> subsp. <i>choleraesuis</i>	<i>Shigella flexneri</i> Type 2b
<i>Enterobacter cloacae</i>	serotype paratyphi B	<i>Shigella dysenteriae</i>
<i>Enterobacter cloacae</i> (clinical isolate)	<i>Salmonella choleraesuis</i> subsp. <i>choleraesuis</i>	<i>Staphylococcus aureus</i>
<i>Enterococcus faecalis</i> (clinical isolate)	serotype pullorum	<i>Staphylococcus aureus</i> subsp. <i>aureus</i>
<i>Enterococcus faecalis</i>	<i>Salmonella choleraesuis</i> subsp. <i>choleraesuis</i>	<i>Staphylococcus aureus</i> (Methicillin resistant)
<i>Escherichia coli</i>	serotype typhi	<i>Staphylococcus aureus</i> (clinical isolate)
<i>Enterococcus faecalis</i> (Vancomycin resistant)	<i>Salmonella enteritidis</i>	<i>Staphylococcus epidermidis</i> (clinical isolate)
<i>Escherichia coli</i> (clinical isolate)	Ampicillin resistant <i>Acinetobacter baumannii</i>	<i>Staphylococcus epidermidis</i>
<i>Fusobacterium necrophorum</i>	Cefazolin resistant <i>Acinetobacter baumannii</i>	<i>Streptococcus pyogenes</i> Group A
<i>Lactobacillus casei</i> subs. <i>rhamnosus</i>	Ceftriaxone resistant <i>Acinetobacter baumannii</i>	<i>Staphylococcus aureus</i> (Vancomycin Intermediate)
<i>Klebsiella pneumoniae</i> subsp. <i>Pneumoniae</i>	Gentamicin resistant <i>Acinetobacter baumannii</i>	<i>Streptococcus pyogenes</i> (clinical flesh eating strain - Bird M3)
<i>Listeria monocytogenes</i>	Tobramycin resistant <i>Acinetobacter baumannii</i>	<i>Xanthamonas maltophilia</i> (clinical isolate)
<i>Pasteurella multocida</i>	Ciprofloxacin resistant <i>Acinetobacter baumannii</i>	Community Associated Methicillin resistant <i>Staphylococcus aureus</i> (CA-MRSA) NRS 123 Genotype USA400
<i>Proteus mirabilis</i> ATCC 25933	Levofloxacin resistant <i>Acinetobacter baumannii</i>	Community Associated Methicillin resistant <i>Staphylococcus aureus</i> (CA-MRSA) NRS 384 Genotype USA300
<i>Proteus mirabilis</i> ATCC 9921	Bactrim resistant <i>Acinetobacter baumannii</i>	
<i>Proteus vulgaris</i>		
<i>Pseudomonas aeruginosa</i>		

**FUNGICIDAL ACTIVITY:**

**Efficacy tests have demonstrated that this product is an effective fungicide in water up to 200 ppm hardness (as CaCO<sub>3</sub>) in the presence of organic soil (5% blood serum).** At the 32 mL per Litre dilution (1:32), this product demonstrates effective fungicidal activity against the pathogenic fungi *Trichophyton interdigitale* and *Candida albicans*.

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, [www.safblend.com](http://www.safblend.com)

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LEMON CLEANER-DISINFECTANT-DETERGENT-DEODORIZER-FUNGICIDE- MILDEWSTAT

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**MILDEWSTAT:** To control mold and mildew (such as *Aspergillus niger*) and the odours they cause on pre-cleaned, hard, non-porous surfaces add 32 mL per liter of water (1:32). 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 reappears.

**VIRUCIDAL ACTIVITY:**

**Efficacy tests have demonstrated that this product is an effective virucide in water up to 400 ppm hardness (as CaCO<sub>3</sub>) in the presence of organic soil (5% blood serum).** This product when used on environmental, inanimate hard non-porous surfaces at 32 mL per litre of water (1:32) exhibits effective kill activity against:

<i>Herpes Simplex Type 1 (causative agent for fever blisters)</i>	<i>Pseudorabies</i>	<i>Human Immunodeficiency Virus Type 1 and Type 2 (HIV-1 and HIV-2)</i>
<i>Herpes Simplex Type 2 (genital disease)</i>	<i>Bovine Rhinotracheitis</i>	<i>Avian Influenza A (H3N2)</i>
<i>Influenza A2/Hong Kong</i>	<i>Feline Leukemia</i>	<i>Avian Influenza A Turkey/Wisc/66 (H9N2)</i>
<i>Vaccinia</i>	<i>Feline Picornavirus</i>	<i>Paramyxovirus</i>
	<i>Canine Distemper virus</i>	<i>SARS Associated Coronavirus</i>

**KILLS HIV-1, HIV-2 ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings (Hospitals, Nursing Homes) or other settings in which there is an expected likelihood of soiling of 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 transmission of Human Immunodeficiency Virus Type 1 and Type 2 (HIV-1 and HIV-2)

**Special Instructions for Cleaning and Decontamination against HIV-1, HIV-2 of Surfaces/Objects Soiled with Blood or 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 or body fluids must be thoroughly cleaned from surfaces and objects before application of this product. **Contact Time/Dilution:** At 32 mL per litre of water (1:32) this product is effective against HIV-1 and HIV-2 in the presence of 5% blood serum with a 10-minute contact time. **Infectious Materials Disposal:** Blood or other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

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

**KILLS SARS ASSOCIATED CORONAVIRUS AND IS LIKELY TO KILL THE SARS-COV-2 (THE VIRUS THAT CAUSES COVID-19).**

**ENVIRONMENTAL PROFILE:**

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

**PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. DANGER - CORROSIVE TO EYES - SKIN IRRITANT.** Causes eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling. Harmful or fatal if swallowed. Avoid contamination of food.

**FIRST AID:** In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. If swallowed, drink large quantities of water. Avoid alcohol. Call a physician or poison control centre immediately. Take container, label or product name and Drug identification Number with you when you seek 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.

**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:**

<b>Physical state</b>	Liquid	<b>Evaporation Rate (nBuAc = 1)</b>	0.4 (water)
<b>Colour</b>	Yellow	<b>% Volatile (Wt %)</b>	≤1
<b>Odour</b>	Lemon scent	<b>Vapor pressure (mm Hg)</b>	20 mm Hg (water)
<b>Odor Threshold (ppm)</b>	N/A	<b>Vapor density (Air = 1)</b>	0.6 (water)
<b>pH</b>	6.0 – 8.0	<b>Density (water = 1 at 4°C):</b>	1.0 g/cm <sup>3</sup> @ 20°C
<b>Freezing point</b>	Approximately 0°C	<b>Solubility in water</b>	Miscible
<b>Boiling point</b>	Approximately 100°C	<b>Viscosity</b>	<100 cps @ 25°C

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