

saniblend²⁵⁶



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

CODE: S256L DIN 02493152

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

ACTIVE INGREDIENTS:

Octyl Decyl Dimethyl Ammonium Chloride 6.510% w/w
 Dioctyl Dimethyl Ammonium Chloride 3.255% w/w

Didecyl Dimethyl Ammonium Chloride 3.255% w/w
 Alkyl (40% C12, 50% C14, 10% C16) Dimethyl Benzyl Ammonium Chloride 8.680% 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 4 mL of this product per litre of water (1:256). 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 4 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 4 mL per litre of water (1:256). 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 CaCO₃) in the presence of organic soil (5% blood serum). At the 4 mL per Litre dilution (1:256), this product demonstrates effective activity against the organisms:

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

FUNGICIDAL ACTIVITY:

Efficacy tests have demonstrated that this product is an effective fungicide in water up to 200 ppm hardness (as CaCO₃) in the presence of organic soil (5% blood serum). At the 4 mL per Litre dilution (1:256), 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

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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 4 mL per litre of water (1:256). 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 CaCO₃) in the presence of organic soil (5% blood serum). This product when used on environmental, inanimate hard non-porous surfaces at 4 mL per litre of water (1:256) 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 Leukemi</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 AND 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 and HIV-2 of Surfaces 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:** Target surfaces must be cleaned prior to disinfection, as the presence of heavy soil on a surface may reduce the intended efficacy of the product. **Contact Time/Dilution:** At a use dilution of 4 mL per Litre of water Saniblend 256 is effective against HIV-1 and HIV-2 in the presence of 5% blood serum with a 10-minute contact time. **Infectious materials disposal:** Any materials used in the cleaning process that may contain blood or body fluids are to be disposed of immediately in accordance with local regulations for infectious materials 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

KEEP OUT OF REACH OF CHILDREN. CAUTION – CORROSIVE. 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. **TOXIC.** Contents harmful. Do not swallow. 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 center immediately. Take container, label or product name and Drug Identification Number with you when you seek medical attention.

NOTICE TO PHYSICIAN: Potential mucosal damage may contraindicate 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:

Physical state	Liquid	Evaporation Rate (nBuAc = 1)	0.4 (water)
Colour	Yellow	% Volatile (Wt %)	≤1
Odour	Lemon scent	Vapor pressure (mm Hg)	20 mm Hg (water)
Odor Threshold (ppm)	N/A	Vapor density (Air = 1)	0.6 (water)
pH	7.0 – 8.0	Density (water = 1 at 4°C):	1.0 g/cm ³ @ 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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