TRIOSAN

DEODORIZING DISINFECTANT CLEANER

TECHNICAL DATA

GENERAL DESCRIPTION

TRIOSAN meets rigid AOAC efficacy standards for hospital use. It is also ideal for use in nursing homes, schools, institutions, public use facilities, veterinary hospitals, animal care and farming environments as well as food processing and meat packing plants. Use anywhere that cross-contamination is a concern. TRIOSAN cleans, disinfects, sanitizes and is effective against fungi* and viruses** when used as directed. It contains a dual quaternary ammonium compound for effectiveness against a broad range of micro organisms and it meets the most recent requirements for biocidal activity and tolerance to organic soil.

*see fungicidal and virucidal efficacy notations

DISINFECTANT EFFICACY - When tested at 1 part per 60 parts water, in the presence of 5% blood serum TRIOSAN has been found to be effective against the following bacteria: Staphylococcus aureaus, Escherichia coli, Klebsiella pneumoniae, Enterobacter aerogenes, Streptococcus faecalis. When tested at 1 part per 40 parts water, in the presence or 5% blood serum, TRIOSAN has been found to be effective against Pseudomonas aeruginosa.

***FUNGICIDAL EFFICACY** - Kills Trichophyton mentagrophytes (athlete's foot fungus) at 1 part per 60 parts water in the presence of 5% blood serum.

****VIRUCIDAL EFFICACY:** When used on environmental hard surfaces at 1 part per 60 parts water TRIOSAN exhibits virucidal activity against Influenza A-2 Asian, Herpes Simplex, Adeno virus type 5 and Vaccinia virus.

NOTE: TRIOSAN DEODORIZING DISINFECTANT CLEANER is a broad-spectrum virucidal hard surface disinfectant that is expected to inactivate the SARS-CoV-2 (the virus that causes COVID-19).

AREAS OF APPLICATION

For general cleaning, disinfecting and deodorizing of hard surfaces such as floors, walls, tables, countertops, lockers, rubber apparel, waste receptacles, sinks, bed frames, toilets, showers, tile and grout, swimming pool deck areas and equipment, gym equipment, washrooms, telephones, drinking fountains, garbage packers and trucks, animal enclosures, crates and holding pens as well as fish, meat and food processing equipment and their environs.

SPECIAL FEATURES

Highly Effective - provides unequalled cleaning action. Superior wetting and detergency assures excellent cleaning. Cuts through soils that surround bacteria to assist the disinfectant actives in reaching the bacterial cell wall. Non-ionic detergent base.

Deodorizes - automatically deodorizes as it cleans. Eliminates odours from mold, mildew and decomposition by killing putrefactive bacteria.

Safe - non-irritating to the skin and hands at use-dilutions. Less irritating than other types of disinfectants.

Hard Water Tolerance - non-ionic detergent base. Absence of soap results in tolerance to hard water up to 250 ppm ($CaCO_3$) at sanitizing levels.

E**conomical** - one product can be used for cleaning, disinfecting and deodorizing (simply adjust dilutions to match applications – works great with automatic mixing stations). Reduces staff training, documentation and storage requirements.

USE DIRECTIONS

General Disinfection of Hard Surfaces: Add 1 part per 60 parts water. Allow solution to wet all surfaces thoroughly and remain wet for 10 minutes. Rinse thoroughly with potable water and allow to air dry. For heavily soiled surfaces a pre-cleaning step is required and recommended. Prepare a fresh solution for each use.

Hospital Disinfection: Add 1 part per 40 parts water. Allow solution to wet all surfaces thoroughly and remain wet for 10 minutes. Remove excess solution and allow to air dry. For heavily soiled surfaces a pre-cleaning step is required and recommended. Prepare a fresh solution for each use. At 1 part per 40 parts dilution, this product is effective against Pseudomonas aeruginosa.

Toilet Disinfection: To disinfect toilet bowls, flush toilet and add 70 mL directly to bowl water. Swab thoroughly making sure to get under rim. Let stand 10 minutes, then flush. For heavy soil conditions a pre-cleaning step is recommended.

Sanitizing: To sanitize pre-cleaned, rinsed, non-porous food contact surfaces, prepare 200 ppm active QUAT solution by adding 1 part to 160 parts water. Allow solution to contact surface for at least 60 seconds. Let air dry. Prepare fresh solution for each use.

Mildewstat: To control mold and mildew on pre-cleaned, hard, non-porous surfaces, add 1 part to 60 parts water. Wet surfaces completely. Let air dry. Repeat application at weekly intervals or when mildew growth reappears.

PHYSICAL PROPERTIES - LIQUID

TRIOSAN consists of dual quaternary ammonium actives, concentrated alkaline cleaners, wetting agents, and surfactants.

GUARANTEE:

n-alkyl (5% C12, 60% C14, 30% C16, 5% C18) dimethyl benzyl ammonium chloride 1.6%
n-alkyl (68% C12, 32% C14) dimethyl ethyl benzyl ammonium chlorides..... 1.6%

Type	Cleaner/Disinfectant/Deodorizer
Appearance	Clear Amber Liquid
Odour	Light Citral
Viscosity	Waterlike
Flammability	Non-Flammable
pH (concentrate)	11
Specific Gravity	1.04
Solubility in Water	100%
Toxicity (concentrate)	Low; Eye and Skin Irritant Avoid Ingestion

APPROVALS/CERTIFICATIONS

DIN 00887374 - Health Canada

CFIA Canadian Food Inspection Agency

FOR USE IN
INDUSTRIAL, INSTITUTIONAL, COMMERCIAL, MARINE and FOOD PROCESSING ENVIRONMENTS

PACKAGING

210 L Drums : 23 L Pails : Cases (4x4L)

DM2506

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