



CHEM SAN

**Disinfectant ♦ Food Contact and Surface Sanitizer ♦ Virucide
♦ Fungicide ♦ Bactericide**

TECHNICAL DATA SHEET

DESCRIPTION

Chem San is a versatile and powerful product for use on hard, non-porous surfaces in hospitals, healthcare facilities, food processing and handling areas, public facilities, transportation terminals, day-cares, hotels, supermarkets, nursing homes, restaurants, business and office buildings, restrooms, institutions, schools, commercial and industrial sites. It can also be used on porous surfaces such as meat boards, rubber conveyor belts, carpets and upholstery providing an excellent level of sanitation. Chem San, when diluted accordingly, can even be sprayed on hands to eradicate any germs. This product is a one-step broad-spectrum germicidal designed for general cleaning, disinfecting, deodorizing and controlling mold and mildew on various types food & non-food contact surfaces.

EFFECTIVE AGAINST:

- Avian Influenza A (H5N1 Virus)
- Human Immunodeficiency Virus (HIV-1)
- Staphylococcus aureus (ATCC 6538)
- Aeromonas hydrophila (ATCC 23213)
- Streptococcus pyogenes (ATCC 12344)
- Human Coronavirus (VR-740)
- Salmonella enterica (ATCC 10708)
- Escherichia coli (ATCC 11229)
- Klebsiella pneumoniae (ATCC 4352)
- and many more.....

PRODUCT FEATURES/BENEFITS

- Neutral pH and non-abrasive formula
- Fragrance-free, no harsh fumes
- Phosphate free formulation
- Disinfects & deodorizes in one operation / Multiple activity reduces maintenance time and cost
- When diluted, it is safe to use on metal surfaces.

PRODUCT SPECIFICATIONS:

- Appearance Clear, colourless, free flowing liquid
- Odour.....Mild Quaternary
- pH (100% solution) 7.5 ± 0.5
- Active Ingredients.....Quaternary Ammonium Compound
- Specific Gravity at 25°C 1.00 ± 0.1
- Shelf Life.....1 Year



DIRECTIONS FOR USE

For Use as a One-Step General Disinfectant on Hard, non-porous Surfaces:

1. Pre-clean visibly soiled areas.
2. Apply a solution of 1.5 oz. of Chem San per gallon of water (1150 ppm active) to hard, non-porous surfaces using a sponge, brush, cloth, mop (by immersion), mechanical spray device or trigger spray. For spray applications, spray 6-8 inches from surface. Do not inhale spray.
3. Treated surfaces must remain wet for 10 minutes. Rinse with potable water after use on surfaces that come in contact with food.
4. Wipe dry with a clean cloth or allow to air dry.

For Sanitizing

- For equipment in food processing plant, clean and rinse equipment thoroughly, then rinse equipment with sanitizing solution of 1.5 – 2.0 oz. of Chem San to 4 gallons of water (300-400ppm). Allow equipment to air dry.
- For hands mix 1.5 oz. of Chem San per gallon of water. Spray 6 – 8 inches from hands using a trigger spray bottle. No rinse required.

For use on Carpets and Upholstery

- Do not use on wool. Vacuum carpet/upholstery thoroughly and test hidden area for colour fastness before applying Chem San.
- Mix 0.5 oz. of Chem San per gallon of water and follow the extraction procedures as specified for the conventional steam cleaning equipment being used.
- For Rotary Floor Machines, mix 1 oz. of Chem San per gallon of water and spray on carpet at a rate of 300 – 500 sq. ft. per gallon.

N.B. Over-wetting can cause carpet to shrink. Do not mix with any other cleaning products.

SAFETY INFORMATION

DANGER. Can cause severe eye damage and skin irritation. Harmful if swallowed. Keep Out Of Reach of Children. Do not get in eyes, on skin, or on clothing. Do not breathe spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse. Do not mix with anything but water.

PRECAUTIONARY STATEMENTS: See SDS for complete Precautionary Statements, First Aid, Physical or Chemical Hazards and Storage and Disposal.



GENERAL USE DIRECTIONS:
 For Sanitising Food Contact Surfaces, use 1oz of Chem San per 4 gallons of 500ppm hard water. Flush with potable water prior to reuse.
 For Disinfecting hard, non-porous surfaces and for virucidal performance, use 1.5oz of Chem San per gallon of 400ppm hard water.

DANGER: CAUSES SEVERE EYE DAMAGE and skin irritation:
 Contains quaternary ammonium compounds. Harmful if swallowed. Protect skin, eyes and mucous membranes from contact with this product or solutions of it. Wear face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Avoid contamination with food.

DO NOT MIX WITH ANYTHING BUT WATER.
DO NOT REUSE CONTAINER. FOR INDUSTRIAL USE ONLY. PLEASE REFER TO PRODUCT BROCHURE AND MSDS.

For Health Care Facilities, Food Processing and Handling areas, Institutional, Commercial, Industrial and Hospitality Facilities, Transportation Terminals and Public Facilities.

Manufactured in Trinidad & Tobago by
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Net Contents
 2 Litres
 4 Litres
 18 Litres
 75 Litres
 208 Litres

CHEM CLEAN LIMITED
CHEM SAN
 PHOSPHATE FREE
DISINFECTANT • FOOD CONTACT AND SURFACE SANITIZER • VIRUCIDE • FUNGICIDE • BACTERICIDE
Effective against Escherichia Coli, Salmonella, Human Coronavirus, HIV-1, Influenza A.

FIRST AID:
EXTERNAL: Immediately flush skin with plenty of cool running water for at least 15 minutes. Immediately remove contaminated clothing and wash before reuse.
EYE: Immediately flush with plenty of cool running water. Remove contact lenses, if applicable. Continue flushing for at least 15 minutes.
INTERNAL: If swallowed, DO NOT induce vomiting. Rinse mouth then drink large quantities of water. Never give anything by mouth to an unconscious person.

IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION IMMEDIATELY.

ACTIVE INGREDIENTS:
 EPA Reg. No. 10324-194 Alkyl (C₁₂ - C₁₈) dimethyl benzyl ammonium chloride - 3.9%, Didecyl dimethyl ammonium chloride - 5.86%, Ethanol < 1%.

EST. No.

Consult your CHEM CLEAN specialist for specific use direction.

DANGER
 READ INSTRUCTIONS BEFORE USE
 KEEP OUT OF REACH OF CHILDREN



Available packaging: 2L, gallon (4L), pail (18L), mini drum (75L) and drum (208L).

DISCLAIMER: To the best of our knowledge, the information provided in this Technical Data Sheet is correct. The Manufacturer assumes no liability whatsoever for the accuracy or completeness of the responsibility of the user.

MANUFACTURED IN THE REPUBLIC OF TRINIDAD & TOBAGO BY:
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