

HOSPITAL DISINFECTANTS



**INNOVATIVE DISINFECTION
ENHANCED PROTECTION**



OVERVIEW

Maintaining rigorous cleanliness and hygiene in healthcare units is crucial to ensuring patient safety and preventing infections. These areas are highly vulnerable to biological hazards, putting doctors, nurses, staff, and visitors at risk. Proper care and safety measures are essential to protect everyone in the hospital environment.

Effective disinfection is necessary for patient rooms, waiting areas, medical equipment, and high-touch surfaces. Hospitals need powerful disinfection solutions to ensure a safe and hygienic environment for all





THE RISK ASSOCIATED WITH HEALTHCARE

Hospital-acquired infection, better known as Nosocomial infection refers to an infection that develops within 48 - 72 hours of hospital discharge. These infections can be contracted by patients during their stay in the hospital, leading to prolonged hospital stays, increased medical costs, and, in severe cases, mortality. Healthcare workers and visitors are also at risk of acquiring and transmitting infections.



THE PITFALLS OF INEXPENSIVE BUT INEFFECTIVE DISINFECTION CHEMICALS

Cost-effective solutions like phenyl, bleaching powder, normal cleaners, or acids may seem appealing due to their low price. However, they often fail to provide comprehensive disinfection, leaving harmful pathogens on surfaces. For instance, phenyl and bleaching powder are commonly used but are inadequate against resistant bacteria like MRSA or C. diff, which if contracted, can cause serious illness to patient, visitors and hospital stuffs.



Chemtex Speciality Limited is dedicated to delivering excellence in healthcare cleaning and disinfection solutions. Our commitment is to ensure the highest standards of cleanliness and safety within a clinical environment that protects both patients and healthcare workers. Our DGCI approved solutions offers effective protection to surfaces, common touch points, air and all other medium through which infections gets terminated

SURFACE DISINFECTANT



ALSTACOL 25+ ALCOHOL-BASED SURFACE DISINFECTANT

DOSING

- Ready to use formulation
- Spray directly over the surface

PACK SIZE: 5L Jar / 500ml Spary Bottle

5 SECOND ACTION



ALSTASAN II-256 HARD SURFACE CLEANER AND DISINFECTANT

DOSING

0.4% vol. in water and spray, mop or dip

PACK SIZE: 5L Jar



ALSTASAN ISP ALCOHOL-BASED INSTANT SPRAY DISINFECTANT

DOSING

Ready to use formulation

PACK SIZE: 500ml Spray Bottle





ALSTAZYME MULTIPURPOSE ENZYMATIC CLEANER

DOSING

- Immersion Tray: 10 - 15 ml/L for 20 -30 mins.
- Ultrasonic: 5 - 7.5 ml/L for 5 - 10 mins.
- Automatic Washer: 2 -3 ml/L for 4 - 5 mins.
- Automatic Endoscopic Reprocessor: 3 ml/L for 4 - 5 mins.

PACK SIZE: 1L Bottle



ALSTASAN QC7 QAC-BASED SURFACE CLEANER AND DISINFECTANT

DOSING

- Bactericidal/Yeasticidal Conditions: 20 - 25 ml /1L water
- Virucidal Conditions: 10 ml /1L water
- Easily Accessible Surfaces: 5 - 10ml /1L water
- Hard to Access Areas: 20 - 25 ml/1L water
- Infected Linens: 100 ml/10L water
- Noninfected Linens: 50 ml/10L water



ALSTASAN QC5 INDOOR USE DISINFECTANT & BIOCIDE

DOSING

- Bactericidal/ Yeasticidal Conditions: 20 - 25 ml/1L water
- Virucidal Conditions: 10 ml/ 1L water
- Easily Accessible Surfaces: 5 - 10ml /1L water
- Hard to Access Areas: 20 - 25 ml/1L water



ALSTASAN SILVOX 150 MIST

FOG AND SPRAY DECONTAMINANT

DOSING

Ready to use formulation

PACK SIZE: 1L/6L/10L Jar



BIOBUBBLE ELECTROCOAT

SURFACE ANTI-VIRUS COAT FOR 15 DAYS PROTECTION

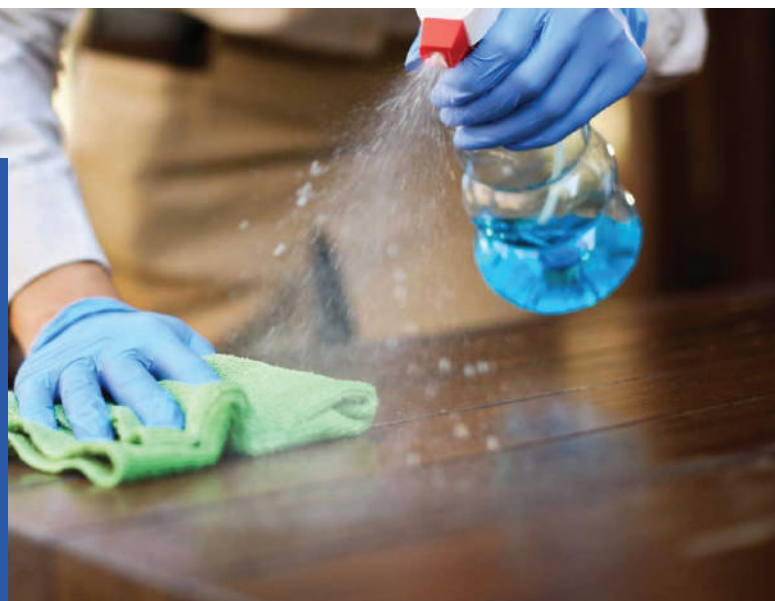
DOSING

Ready to use formulation

PACK SIZE: 200ml Spray Bottle

Disinfecting surfaces in hospitals is crucial for reducing bioburden and preventing the spread of pathogens. HAIs are a leading cause of death, with communicable diseases causing over 1.2 million deaths globally each year. Effective disinfection can eliminate up to 99.9% of pathogens, significantly lowering the risk of infections.

Chemtex's non-toxic, non-corrosive disinfectants are vital in healthcare settings, ensuring safer environments by reducing bacterial transmission. Regular use not only protects patients but also minimizes illness across the workforce.





EQUIPMENT SANITIZER



ALSTASAN GLUDEX 2.45

**2.45% GLUTARALDEHYDE
SOLUTION WITH ACTIVATOR**

DOSING

- Activation: Mix the activator with ALSTASAN GLUDEX 2.45, shake well until the solution turns green.
- Usage: Immerse instruments in ALSTASAN GLUDEX 2.45, rinse with sterile water and store dry.
- Immersion time: Disinfection: 10-15 mins.
- Sterilization: 10 hours.

PACK SIZE: 5L/1L Jar



ALSTASAN GLUDEX 2.00

**GLUTARALDEHYDE 2% WITH
ACTIVATOR**

DOSING

- Activate: Pour the activator into ALSTASAN GLUDEX and shake until green. Soak instruments for 10 hours, and rinse with sterile water. Reuse up to 14 days.

PACK SIZE: 5L/1L Jar



ALSTASAN OPA HIGH-LEVEL DISINFECTANT (ORTHO-PTHALDEHYDE BAND)

DOSING

- Rapid 5 mins. of soak time at 25°C in an automated endoscope re-processor. Soak for 12 minutes at 20°C for manual reprocessing.

PACK SIZE: 5L Jar



ALSTASAN CARE COLD STERILANT - DISINFECTANT

DOSING

- For Spraying: 1% v/v CT: 10 mins.
- For Cleaning: 1% to 3% solution CT: 10 mins.
- For Dialysis Unit: 1% solution CT: 10-15 min.

PACK SIZE: 5L Jar



ALSTASAN PERACT 50 POWDER BASED STERILANT

DOSING

- Add 16.2 gm ALSTASAN PERACT 50 in 1L water, stir until blue, and let sit for 15 minutes. Clean instruments, immerse for 10 minutes, then rinse with sterile water.

PACK SIZE: 25kg Bag

Equipment Sanitation is an important process for significantly reducing contamination and infection risk. Even a minor contamination can have severe consequences. For instance, Regular equipment sanitization can reduce the risk of healthcare-associated infections (HAI) by up to 70%, which greatly enhances patient safety and lowers healthcare costs.



AIR FUMIGATION



ALSTASAN LF-125

QUATERNARY AMMONIUM
COMPOUND (QAC) BASED
SURFACE DISINFECTANT

DOSING

1. Surface Disinfection

For Critical / High Human Contact Areas:
1:64 (15 ml in 1 Litre Water)

For Non-Critical Area Disinfection / Less
Contact Surfaces: 1:128 (7.5ml in 1 Litre Water)

2. Air Fumigation: 1:32 (30ml in 1 Litre Water)
and fumigated at the rate of 500ml per 1000
Cubic ft. (28.3 cubic meters)

PACK SIZE: 5L/1L Jar



ALSTASAN SILVOX 150 FUME

ACCELERATED SILVER HYDROGEN
PEROXIDE WITH ALOE VERA
EXTRACTS (GLYCERINE-FREE)

DOSING

• Coverage area: 100 sq. ft. with 50ml of
ALSTASAN SILVOX 150 FUME.

PACK SIZE: 6L/1L Jar

Airborne Diseases can cause a wide range of health issues in humans, depending on the virus type and individual's health condition. Airborne Viruses can pose significant health risks to humans by spreading through tiny droplets released when an infected person coughs, sneezes, talks, or breathes. These droplets can linger in the air and be inhaled by others, leading to infection. vulputate velit .

MULTIPURPOSE DISINFECTANT

ALSTASAN SILVOX 150

**NANO SILVER HYDROGEN PEROXIDE
DISINFECTANT FOR AIR & SURFACE
DISINFECTION**

DOSING

- **Fogging:** 200ml diluted in 800ml water to fumigate 1000 cu. ft area.
- **Surface:** 5% v/v dilution for 45mins.
- **Equipment:** Dip in 5% v/v solution for 60mins, or 10% v/v solution for 45mins; spray with 10% v/v solution and for 45 – 60 minutes.

PACK SIZE: 1L/10L/20L/50L Drum



MoHFW RECOMMENDED





HAND HYGIENE



ALSTASAN HAND -RUB

LIQUID HAND WASH

PACK SIZE: 5L Jar /110/580ml Bottle



ALSTASAN HANDWASH

ANTI-BACTERIAL
HAND WASH

PACK SIZE: 500ml Bottle



DETPOL HWRR+

LIQUID HANDWASH
WITH DISINFECTANT

PACK SIZE: 5L Jar



SOFT SHIELD NS

ANTI-BACTERIAL HAND
WASH

PACK SIZE: 1L Bottle



ALSTASAN MECERUB

ALCOHOL BASED HAND
SANITIZER (WITH MES)

PACK SIZE: 500ml Spray Bottle



BIOBUBBLE HANDCOAT

LIQUID ANTIMICROBIAL
COATING FOR HANDS
(WITH 70% ETHYL
ALCOHOL)

PACK SIZE: 200ml Spray Bottle



SOFT - SHIELD FOOD & PHARMA

HANDWASH FOR
FOOD & PHARMA

PACK SIZE: 5L Jar



SURFACE CLEANERS



CX-C1 BATHROOM CLEANER CUM SANITIZER (CONCENTRATE)

DOSING

- For Regular Cleaning: 10 - 15 ml /1L water
- For Deep Cleaning: 20 - 30 ml /1L water

PACK SIZE: 1L Bottle



CX-BAC ALL-PURPOSE CLEANER / SANITIZER

DOSING

- Spray Cleaning: 30ml/L
- Bucket Cleaning: 10ml/L

PACK SIZE: 1L Bottle



CX-C2 HYGIENIC HARD SURFACE CLEANER (CONCENTRATE)

DOSING

- For Regular Cleaning: 10 - 15 ml /1L water
- For Deep Cleaning: 20 - 30 ml/1L Water
- For Cleaning Common Touchpoints: 50 - 100 ml/1L water

PACK SIZE: 1L Bottle

Surface cleaning is important for maintaining health, safety, comfort, and efficiency in personal and professional settings. However, cleaning could be more dangerous, unhealthy, and unsafe without knowing the ingredients or formulations. Today, there is an increasing demand for cleaning eco-friendly chemicals; thus, causing minimal or no harm to the environment. Additionally, they enhance the longevity and appearance of surfaces by protecting them from damage caused by dirt buildup.



SUSTAINABLE MANUFACTURING WITH OPTIMUM EFFICIENCY

At Chemtex, we have fully embraced eco-regulations, and green chemistry to enhance sustainability. Through R&D and biotech innovation, we are committed to creating lasting value within ecological, social, and economic frameworks, especially as transparency expectations continue to rise.

ECOLOGY

We are prioritizing sustainability, preserving ecosystems, reducing environmental impact, and nurturing biodiversity through eco-friendly practices.

ECONOMY

Maximizing efficiency, Chemtex balances growth with responsible resource management, promoting long-term financial resilience and prosperity.

EVOLVE

Championing innovation, We respond to industry changes, foster a learning culture, and drive technological adaptability



NOTES

45+
Countries

Estd. **1970**
Five decades in speciality
chemical manufacturing

600+
Speciality Chemicals

28000+
Clients served worldwide



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