



SANITIZE TO MITIGATE THE RISK OF COVID-19 AT YOUR WORKPLACE





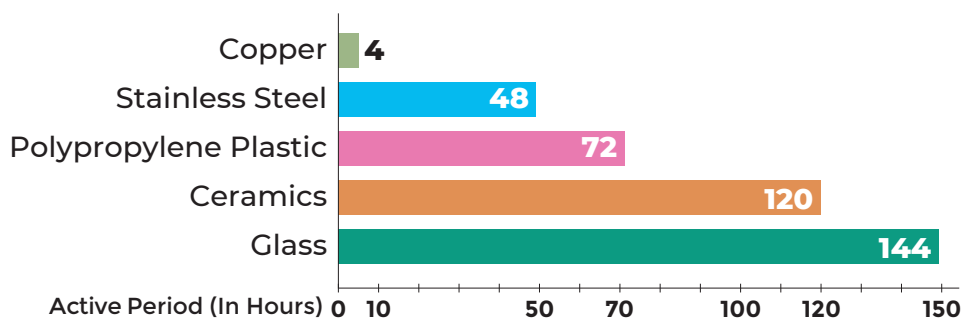
Global pandemics of severe acute respiratory syndrome (SARS), Influenza, Ebola, and the role of healthcare facilities, public places, workplaces as epicentres and amplifier of such outbreaks have emphasized the importance of IPC (Infection Prevention and Control) measures. With no cure visible on the horizon, it is utmost necessary to maintain safety precautions. The employers and employees need to maintain precautionary and preventive measures so as to ensure a safe and healthy working condition in and around before resuming business. The WHO Guidelines on Core Components of Infection Control Programmes have been formulated to help countries develop strategies to improve and strengthen IPC programmes.

WORKPLACE SAFETY

Some necessary precautionary and safety measures inside your workplace:

- **PERSONAL HYGIENE:** The infection passes through our touch, especially at work where several contaminated hands are bound to come in contact with eyes, nose, or mouth, or can be picked up from inanimate surfaces or objects. Regular cleaning hands with soap and water is the best way to tackle infection spread or the use of sanitizers.
- **CONTACT SURFACE :** Inanimate objects form a secondary route of exposure for person-to-person transmissions. Any object that we may come in contact with can serve as fomites such as doorknobs, elevator buttons, hand rails, phones, cab doors, keyboards, toys, even clothing. The virus can survive on anything metal metal, non-metal, glass, plastics, fiber or ceramics. These are the most used materials in our working areas, lawns, corridors, pavements, etc. using an Alcohol with QAC based chemical to disinfect these surfaces time to time, preventing the spread of these microbes and their consequences.
- **INDOOR - OUTDOOR DISINFECTION:** Regularly fumigating or spraying indoor spaces and partial outdoor nooks and corners with a disinfectant can help in eradicating all air and surface borne pathogens, which if enters our body, can prove harmful.

Active period* of the virus on some common surfaces:



*Test Conditions, 21 - 23°C, Relative Humidity 40%

Certifications and Approvals:



Chemtex Speciality Limited, a prominent name in the industry of Healthcare facilities has been manufacturing Sanitizers and Disinfectants for over a decade in its state-of-the-art facility licensed by Drug Controller of India and FSSAI, certified by WHO-GMP. Our range of safety disinfectants is competent to be used at In-house, commercial and Industrial sectors. Thriving to provide the best cleaning and disinfecting formulations under testing times, strictly adhering to World Health Organization's recommendations and guidelines set by the Government of India.



ALSTASAN HAND-RUB

ALCOHOL BASED RAPID HAND SANITIZER

Available Pack Sizes

110ml, 500ml, 580ml, 5L, 20L, 50L, 200L

ABOUT PRODUCT

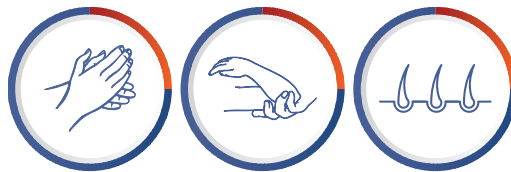
Double Action - Clinical Grade Formula; Alcohol with Chlorhexidine Gluconate is a clinically proven such as virucide and bactericide even effective against enveloped Viruses such as H1N1, Corona, with broad-spectrum sustained antimicrobial action, having a wide efficacy over most types of microorganisms within 20 – 30 seconds of application on contact basis.

Use it at your home and work place, as per your convenience for clean sanitized hands. Does not require use of water and towel.

ATTRIBUTES	TYPICAL VALUE
Form & Appearance	Slight Red Liquid
Odour	Lemon Type
Assay as Ethyl Alcohol IP	70.0% v/v min
Assay as Chlorhexidine Gluconate 20% Solution	2.5% v/v
Solubility	Miscible in Water

USAGE PROCEDURE

Apply required amount of **ALSTASAN HAND RUB** on your hands and rub vigorously over your palms, between your fingers, nails and grooves for at least 20 seconds. Air dry.



PRODUCT OVERVIEW

STORAGE & HANDLING	INCOMPATIBILITY	USAGE & CONTACT TIME	MACHINES TO BE USED
Flammable Keep away from heat.	Open Flame and Heating systems.	2-3ml per use. Rub well for 20 seconds.	

AVAILABLE PACKAGE SIZE



110ml



500ml
(Fliptop)



580ml
(Dispenser)



5L

20L, 50L & 200L pack sizes are also available.



ALSTACOL 25+

ALCOHOL BASED INSTANT SURFACE DISINFECTANT

Available Pack Sizes

500ml, 5L, 20L, 50L, 200L

ABOUT PRODUCT

Ready-To-Use Alcohol based Electronics and High Contact Surface Disinfectant that can effectively disinfect Mobile Phone Surfaces, Computer Keyboards, Mouse, Panel Boards, and All High Contact Surfaces like Table Tops, Bio-Access devices, Lift Buttons, Armrests, Doorknobs, Handles, Car Steering Wheels etc., in **5 seconds**, manifesting broad spectrum bactericidal, fungicidal and virucidal properties.


ATTRIBUTES	TYPICAL VALUE
Form & Appearance	Clear Blue Liquid
Odour	Alcohol Type
2-Propanol, 1-Propanol IP	43.75% v/v
Ethyl Alcohol IP	26.25% v/v
N-Alkyl Dimethyl Benzyl Ammonium Chloride IP	0.3% w/v
Inert Ingredients, Colour and Fragrance	Q.S.

USAGE PROCEDURE

Spray on the surfaces and wipe after 5 seconds with a lint free cloth or an optical cloth.



PRODUCT OVERVIEW

STORAGE & HANDLING	INCOMPATIBILITY	USAGE & CONTACT TIME	MACHINES TO BE USED
Flammable Keep away from sources of heat.	Open Flame and Heating systems.	Ready to use spray. Disinfects in 5 seconds .	

AVAILABLE PACKAGE SIZE



500ml



5L

20L, 50L & 200L pack sizes are also available.



ALSTASAN II-256

DIALKYL QUATERNARIES BASED DISINFECTANT

Available Pack Sizes

500ml, 5L, 20L, 50L, 200L

ABOUT PRODUCT

Disinfect your Surroundings using ALSTASAN II-256, a **broad spectrum Twin Quats based Hard Surface Disinfectant**, for cleaning and disinfection of indoor and partially outdoors areas in various industries and institutions. *Preferred over Sodium Hypochlorite owing to its excellent wetting ability, non-corrosive & non-oxidizing nature and its ability to disinfect surfaces at even lower concentrations of 0.01%.*

ATTRIBUTES	TYPICAL VALUE
Form & Appearance	Clear Blue Liquid
Odour	Minty
Assay As N-Alkyl Dimethyl Benzyl Ammonium Chloride IP	8.19% w/w
Assay As Didecyl Dimethyl Ammonium Chloride IP	8.7% w/w
Solubility	Soluble in Water

USAGE PROCEDURE

Dilute 40ml of **ALSTASAN II 256** in 10ltrs of water to be sprayed or mopped. Coverage Area: 250sq.ft/ ltr of solution. **Costs 1paisa/ 1 sq.ft.**



PRODUCT OVERVIEW

STORAGE & HANDLING	INCOMPATIBILITY	USAGE & CONTACT TIME	MACHINES TO BE USED
Toxic when concentrated. Keep away from children and animals.	Food and Electrical Items	Dilute 40ml with 10ltr tap water and mop or spray. Twice daily. Disinfects in 5 mins.	

AVAILABLE PACKAGE SIZE



500ml



5L



20L

50L & 200L pack sizes are also available.



alstasan Silvox 150

SILVER HYDROGEN PEROXIDE BASED AIR AND SURFACE DISINFECTANT

Available Pack Sizes
1L, 10L, 20L

ABOUT PRODUCT

ALSTASAN SILVOX 150, a Silver Hydrogen Peroxide based formulation to be used for various applications for air and surface disinfection by fumigation, surface wiping, spraying in various commercial and industrial establishments, manifesting broad spectrum antimicrobial action over a wide range of air and surface borne bacteria and viruses. Primary application areas include Critical areas of Hospitals like OT, ICU, ICCU, Toilet facilities, Bio-medical and semi-solid waste, Water supplies and Storage tank sanitation, etc. Alstasan Silvox 150 is certified non-toxic by NTC, Pune.

ATTRIBUTES	TYPICAL VALUE
Form & Appearance	Clear Colourless Liquid
Odour	Odourless
Assay as Hydrogen Peroxide IP Grade	11.0% w/w
Assay as Silver Nitrate	150 ppm
Solubility	Soluble in Water

USAGE PROCEDURE



Fogging and Fumigation of Critical areas of Hospitals and Health Care Units: 200ml of ALSTASAN SILVOX 150 to be diluted in 800ml of water and to be fogged strategically in and around concerned application areas. *About 1000 cubic feet can be disinfected using 1 Litre of ALSTASAN SILVOX 150 Solution.*



Tunnel Disinfection: 1 - 2 % solution of Alstasan Silvox 150 with DM water to be used for disinfection tunnels.


Bio-Waste Sanitation of Blood Bags, Syringes, etc.: 20% solution of ALSTASAN SILVOX 150 to be sprayed for a contact period of 30 minutes prior to disposal.



Medical Instruments and Equipment Sterilization: Prepare immersion bath of 5% of ALSTASAN SILVOX 150 for 60 minutes or 10% of ALSTASAN SILVOX 150 for 45 minutes.

Surface Disinfection: 2 - 5% of solution of ALSTASAN SILVOX 150 to be sprayed, depending upon the degree of contamination.

PRODUCT OVERVIEW

STORAGE & HANDLING	INCOMPATIBILITY	USAGE & CONTACT TIME	MACHINES TO BE USED
Oxidizing Agent. Store in cool and dry place.	Cast Iron, Mild Steel, Hard water	Dilute in DM water as per prescribed dosage.	

AVAILABLE PACKAGE SIZE



1L



10L



20L



ALSTASAN SILVOX 150 MiST

**SILVER ACCELERATED HYDROGEN PEROXIDE WITH STABILIZERS
BASED FOG AND SPRAY DE-CONTAMINANT**

Available Pack Sizes
1L, 6L, 10L, 50L

ABOUT PRODUCT

ALSTASAN SILVOX® 150 MIST, CDC recommended accelerated Silver accelerated Hydrogen Peroxide based chlorine free skin friendly formulation, manifesting excellent biocidal and virucidal attributes within a contact period of **1 minute** as a spray disinfectant for direct spraying on human contact surfaces, skin, fabric, pets, upholstery, kitchen, workplaces, living rooms, cars, decontamination of coveralls such as PPE, aprons, walk-through tunnels, masks, etc.

ATTRIBUTES	TYPICAL VALUE
Form & Appearance	Clear Colourless Liquid
Odour	Odourless
Assay as Silver Accelerated Hydrogen Peroxide	0.5% w/w
Assay as Stabilizers	0.01% w/w
Solubility	Soluble in Water

USAGE PROCEDURE

Ready-To-Use Formulation, simply fill up tank of Atomizer / Sprayer with ALSTASAN SILVOX® 150 MIST and start spraying through Atomizers or manual sprayer. After application allow the surface or skin to air dry. No rinsing required.

Each litre of Alstasan Silvox® 150 MIST can serve up to 150 minutes 2.5 hrs of spraying. Usually sufficient for 1 week of use for a household or 1-3 days for an office / studio / showroom / restaurant depending on traffic.



PRODUCT OVERVIEW

STORAGE & HANDLING	INCOMPATIBILITY	USAGE & CONTACT TIME	MACHINES TO BE USED
Safe to handle. Store in cool and dry place. Safe for food and humans.	None	Ready to use with sprayer or atomizer. Disinfects in 60 seconds.	

AVAILABLE PACKAGE SIZE



1 L



6 L



10 L



50 L



ALSTASAN SILVOX 150 FUME

**SILVER ACCELERATED HYDROGEN PEROXIDE
BASED AIR FUMIGANT WITH ALOE VERA EXTRACTS**

Available Pack Sizes
1L, 6L

ABOUT PRODUCT

ALSTASAN SILVOX® 150 FUME, a Silver Accelerated Hydrogen Peroxide based formulation with added Stabilizers and Aloe Vera extracts for complete sanitation of enclosed stretches of residential, commercial, and industrial sectors, mainly including rooms, cabins, shops, storage areas, showrooms, studios, clinics, restaurants, salons, schools, kitchens, boutique, theatres, furniture, upholstery, air vents, kitchen, workplaces, cars, that may not been in operation for long.

ATTRIBUTES	TYPICAL VALUE
Form & Appearance	Clear Colourless Liquid
Odour	Odourless
Assay as Silver Accelerated Hydrogen Peroxide IP	0.5% w/w
Assay as Stabilizers	0.01% w/w
Assay as Inert Ingredients, Aloe Vera Extracts	Q.S.
Solubility	Soluble in Water


USAGE PROCEDURE

Keep the AC on during fumigation so that the fumes can recirculate through the AC system and disinfect the air-conditioners. Allow the fumes to stay for 15-20mins and then exhaust with the help of AC.

Fumigate one area at a time. Switch OFF the smoke detectors temporarily.



PRODUCT OVERVIEW

STORAGE & HANDLING	INCOMPATIBILITY	USAGE & CONTACT TIME	MACHINES TO BE USED
Safe to handle. Store in cool and dry place. Safe for food and humans.	None	Ready to use with Smoke machine. Disinfects in 5-15 mins.	

AVAILABLE PACKAGE SIZE



1L

6L



DETPOL HWRR+

ANTIMICROBIAL HAND WASH

Available Pack Size
5L

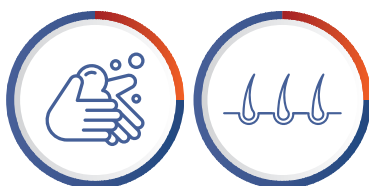
ABOUT PRODUCT

High foaming perfumed liquid hand wash incorporated with highly efficacious antimicrobials leaves a long lasting smell, eliminating disease causing pathogens on application. Free from visible impurities, this product is extremely skin friendly and does not alter the natural moisture content, keeping skin hydrated.


ATTRIBUTES	TYPICAL VALUE
Form & Appearance	Clear Reddish Liquid
Odour	Pleasant
Assay as Anionic Surfactants	20.0% w/v
Assay as Antimicrobial	0.4% w/v
Solubility	Soluble in water

USAGE PROCEDURE

Squeeze required amount of **DETPOL HWRR+** on hands and rub it all over your hands, upto your elbows for proper cleaning and disinfection. Rinse well with water.



PRODUCT OVERVIEW

STORAGE & HANDLING	INCOMPATIBILITY	USAGE & CONTACT TIME	MACHINES TO BE USED
Safe to handle. High foaming.	None	2-3ml per wash. Rub well for 20 seconds and rinse.	

AVAILABLE PACKAGE SIZE



5L



alstasan
ACTIV

PERACETIC ACID BASED DISINFECTANT

Available Pack Size
20L

ABOUT PRODUCT

ALSTASAN ACTIV, a Peracetic Acid based Disinfectant, on washing raw, uncut vegetables and fruits before they make their way to your kitchens. The product has flexible dosage of application and is considered environment friendly owing to its breaking down into water, oxygen and acetic acid making it suitable for sanitizing and disinfecting fruits and vegetables.

ATTRIBUTES	TYPICAL VALUE
Form & Appearance	Clear Colourless Liquid
Odour	Vinegar Type
Assay as Peracetic Acid	5.0 – 5.9% w/w
Assay as Hydrogen Peroxide	23.5 – 26.0 % w/w
Solubility	Soluble in water

USAGE PROCEDURE

Groceries to be immersed in / sprayed with 0.2% solution of ALSTASAN ACTIV to be immersed and allowed a minimum contact period of 10 - 15 minutes for proper disinfection, followed with proper rinsing.



AVAILABLE PACKAGE SIZE



20L



BIO-SECURITY

Chemtex Speciality Limited has introduced a new kit, named COVID-19 Bio-Security Package to look after the major cleaning and sanitation issues faced by In-house, Commercial, Health Care and Industrial sectors. The package comprises of :

BIO SECURITY BOX CONTENT



ALSTACOL 25+

2 x 500ml bottles
1 x 5ltr jar



ALSTASAN II-256

2 x 500ml bottles
1 x 5ltr jar



ALSTASAN HAND-RUB

2 x 500ml (Dipenser bottles)
1 x 5ltr jar



One Box of Bio-Security Package is sufficient for a requirement of 1 month of an organization having 5,000 sq.ft. of surface area and 40 employees.



PRODUCTS		ALSTACOL 25+	ALSTASAN II-256	ALSTASAN SILVOX® 150	ALSTASAN SILVOX® 150 MIST	ALSTASAN SILVOX® 150 FUME	ALSTASAN HANDRUB	DETPOL HW RR+	Please note: This is a selection guide, if you have any specific queries, please get in touch with your nearest Chemtex Representative or visit www.chemtexltd.com
Product Description	70% Alcohol and QAC based Surface Disinfectant	Twin Chain Quaternary based Surface Disinfectant	Silver Hydrogen Peroxide based Disinfectant Concentrate	Silver Accelerated Hydrogen Peroxide based Spray Disinfectant (Food Grade)	Silver Accelerated Hydrogen Peroxide based Fumigant for smoke disinfection	70% Alcohol and Chlorhexidine Gluconate based Hand Sanitizer	Anti-Microbial Handwash with Fragrance		
Storage & Handling	Flammable. Keep away from sources of heat	Toxic when concentrated. Keep away from children and pet animals.	Oxidising Agent. Store in cool and dry place.	Safe to handle. Store in cool and dry place. Safe for food.	Safe to handle. Store in cool and dry place.	Flammable. Keep away from heat. Do not use with heating system.	Safe to handle. High foaming.		
Incompatibility	Open Flame and Heating systems	Food, Electrical items	Cast Iron, Mild Steel, Hard water	None	None	Open Flame and Heating systems	None		
Usage & Contact Time	Ready to use spray. Disinfects in 5 seconds.	Dilute 40ml with 10ltr tap water and mop or spray. Disinfects in 5 mins.	Dilute in DM as per prescribed dosage. Disinfects skin or surface in 60 seconds.	Ready to use with sprayer or atomizer. Disinfects in 60 seconds.	Ready to use with Smoke machine. Disinfects air in 5-15 mins.	2-3ml per use. Rub well for 20 seconds.	2-3ml per wash. Rub well for 20 seconds and rinse.		
Machines to be used									
AREA OF APPLICATION									
Vehicles	Passenger seats and handle, Vehicle Interiors (Steering Wheel, Door Handles, Dashboard, Gear Knobs, Rear View Mirror)	Exterior, Boot, Carriage Bin, Foot Mat Vehicle Interior Wiping	Apparel (At entry point)	Apparel (At entry point)	Vehicle Interior Fumigation Vehicle Air Conditioner Disinfection				
Personal Hygiene	Face Shields PPE Suits Decontamination (Follow SOP)								

PRODUCT OVERVIEW

LEGEND



















TRIGGER
 FOGGING
 ATOMISER
 DIPPING
 WIPING
 SPRAYING
 SMOKE
 MOPPING
 RUBBING
 TUNNEL WASHING

MUST

NOTES

Alstacol 25+ offers instant disinfection and evaporates.
Alstasan II 256 solution requires 5 minutes of drying time and is not ideal for glass and mirror.



	(Follow SOP)	Skin (At Entry Point)			
 Hard Surface (Non Porous)	<p>Chairs, Electrical Devices[^], Glass + Mirror, Gym Equipments, Lift Button + Hand Rail, Salon Accessories, Sanitary Ware, Switches, Tables Tops, Tool + Accessories</p> 	<p>Chairs, Furniture, Gym Equipment, Sanitary ware, Tabeeware</p> <p>Tools and Accessories</p> <p>Marble / Tile / Vinyl Floor</p> <p>Epoxy Flooring, Paver & Bitumen Road</p> <p>Salon Accessories (non electric)</p> <p>Equipment, Valves & Machinery</p>	<p>Furniture and Concrete</p> 	<p>Use Mist for Food Areas, Use Alstacol 25+ on anything electrical.</p> <p>[^]Electrical Devices, Mobile phone, telephone, laptop, tablet, keyboard, mouse, remotes, panel boards, biometric, switches</p> <p>On hard surface, which are non electric and does not have food contact can be disinfected with a solution of Alstasan II 256.</p>	
 Soft Surface (Porous)	<p>Equipment, Valves and Machinery</p> 	<p>Carpet</p> <p>Contaminated Fabric</p> <p>Wood, Laminate Floor</p>	<p>Paper, Currency Notes</p> <p>Food Packaging</p> 	<p>For any surface with incidental food contact, use Alstasan Silvox 150 MIST</p>	
 Incoming Goods		<p>Cardboard Cartons, Containers, Metal Articles, Plastic Packaging, Wooden Crates</p>	<p>Cardboard Cartons, Plastic Packaging, Wooder Crates</p> 	<p>For goods that carry food, beverage or dairy products – Alstasan Silvox 150 MIST should be used</p>	
 Kitchen / Pantry / Canteen	<p>Kitchen Appliances (handles and buttons)</p> 	<p>LPG Cylinders</p> <p>Kitchen Floor and Floor</p>	<p>Coffee Vending Machines, Grocery Packets, Appliances, Sink Countertop, Sink Taps, Utensils, Water Dispenser</p> <p>Vegetables & Fruits</p>  	<p>Use Alstasan Silvox 150 MIST for disinfection of the surface of uncut vegetables and fruits.</p> <p>Simply spray and rub with hand. Rinse with water if needed</p>	
 Washroom / Toilets	<p>Soap Dispensers, Taps, Shower Control, Health Faucet, WC / Urinal, Flush Buttons</p> 	<p>Soap Dispensers, WC / Urinal, Flush Buttons</p> <p>Toilet Seat & Support Rail</p>	<p>Toilet Deodorize and Fumigation</p> 		
 Air		<p>Contaminated Area[^], Clean Room, Cold Room, Critical Area (Healthcare / Clinic)</p> 	<p>Clean Room, Cold Room, Critical Area (Healthcare / Clinic), Non Ventilated / Unused Room</p> 	<p>Silvox is recommended to use for Contaminated area as per advisory of Govt of India, MOHFW, Director General of Health Services [Emergency Medical Relief]</p>	



To know more about our Bio-Security products and other details, visit www.chemtexltd.com/faqs

To be our channel partners or to obtain our dealership, visit www.chemtexltd.com/contact-us

For any other queries, write to us at info@chemtexltd.com

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Certifications and Approvals:

