

Hayride™

GreenEarth PeopleSafe

 Proudly Indian Green Cleaning Technology

Hospital Disinfection & Personnel Hygiene Range



Anti **COVID19 Range** - WHO norms
NABL International Lab Tested - Efficacy Reports
FDA Licensed - Complete Disinfection & Hygiene Range



Proudly Indian, Technology 
Driven & Ethical Small Business



GreenEarth™ PeopleSafe



Clean & Disinfect with Highest Safety Standards

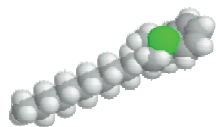


Following US FDA GRAS - Generally Regarded as Safe for Food Contact & US EPA Standards for all Ingredients used in Pharmaceutical Hygiene Range.

US FDA GRAS: Food Safety

Disinfectant Molecules -

(GRAS | US EPA | WHO)



Benzalkonium Chloride

Biocidal Activity:

Disruption of inter molecular interactions. This can cause dissociation of cellular membrane lipid bilayers, which compromises cellular permeability controls and induces leakage of cellular contents.

Efficacy:

Gram positive & negative bacteria including MRSA strains at 50 to 500 ppm.

Viruses such as H1N1, HIV, Hepatitis B & SARS at 1800-2000 ppm.

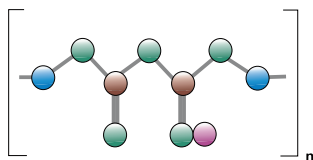
Fungi & Yeasts MIC is 2500 ppm.

Benzalkonium Chloride > 0.02% or 200 ppm effective against **COVID 19** in for Hard Surface as per Research paper by published in the Journal of Hospital Infection.

[https://www.journalofhospitalinfection.com/article/S0195-6701\(20\)30547-8/fulltext#secsectitle0040](https://www.journalofhospitalinfection.com/article/S0195-6701(20)30547-8/fulltext#secsectitle0040)

Safety:

Used Widely in Ophthalmic Eye Solutions as preservative & skin Contact products like Medicated Strips for many years. It is even approved as a no Rinse Food Surface Cleaner at up to 250 ppm by US FDA. It is one of the safest anti microbial in current use in the world



Polyhexamethylene Biguanide

Biocidal Activity:

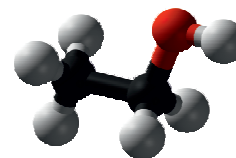
It has a unique method of action: the polymer strands are incorporated into the bacterial cell wall, which disrupts the membrane and reduces its permeability, which has a lethal effect to bacteria. It is also known to bind to bacterial DNA, alter its transcription, and cause lethal DNA damage.

Efficacy:

Microorganism	MIC (ppm)
Escherichia coli	5
Pseudomonas aeruginosa	100
Pseudomonas putida	25
Bacillus subtilis	5
Staphylococcus aureus	1
Streptococcus faecalis	25
Aspergillus niger	750
Endomycopsis albicans	300
Saccharomyces cerevisiae	100
H1N1 Virus	2000

Safety:

PHMB has very low toxicity to higher organisms such as human cells, which have more complex and protective membranes. It is also used in eye drops & even



Ethanol

Biocidal Activity:

Little is known about the specific mode of action of alcohols, but based on the increased efficacy in the presence of water, it is generally believed that they cause membrane damage and rapid denaturation of proteins, & subsequent interference with metabolism and cell lysis.

Efficacy:

Ethanol exhibits rapid broad-spectrum antimicrobial activity against vegetative bacteria & mycobacteria, viruses, and fungi. Ethanol is effective against almost all species at over 62% - 70% & above & is preferred in hospitals.

Safety:

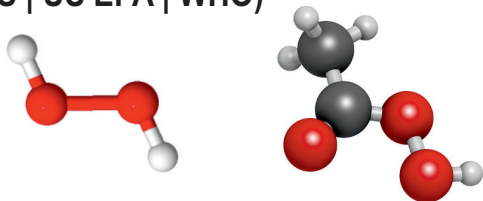
Ethanol is Biodegradable Eco friendly naturally derived from grain & has very low inhalation & oral toxicity compared to synthetically produced highly toxic n-propanol. Ethanol is more potent than propanol on viruses even though propanol is slightly more potent on bacteria but since our products use a combination with Benzalkonium Chloride this is taken care of.

Ethanol above 62% active against Hep B & H1N1 as per Lab tests.

Clean & Disinfect with Highest Safety Standards

Disinfectant Molecules -

(GRAS | US EPA | WHO)



Hydrogen Peroxide + Peracetic acid

Peracetic acid (C₂H₄O₃) is a mixture of acetic acid (CH₃COOH) and hydrogen peroxide (H₂O₂) in a watery solution. It is a bright, colorless liquid that has a piercing odor and a low pH value (2,8). Peracetic acid is produced by a reaction between hydrogen peroxide and acetic acid:

When peracetic acid dissolves in water, it disintegrates to hydrogen peroxide and acetic acid, which will fall apart to water, oxygen and carbon dioxide. Peracetic acid degradation products are non-toxic and can easily dissolve in water. Peracetic acid is a very powerful oxidant; the oxidation potential outranges that of chlorine and chlorine dioxide.

Uses

Peracetic acid is used mainly in the food industry, where it is applied as a cleanser and as a disinfectant. It can be applied during water purification as a disinfectant and for plumbing disinfection. Peracetic acid is suitable for cooling tower water disinfection; it effectively prevents bio film formation and controls Legionella bacteria.

Efficacy & Mechanism

Peracetic acid as a disinfectant oxidizes the outer cell membranes of microorganisms. The oxidation mechanism consists of electron transfer. When a stronger oxidant is used, the electrons are transferred to the microorganism much faster, causing the microorganism to be deactivated rapidly.

Peracetic acid can be applied for the deactivation of a large variety of pathogenic microorganisms. It also deactivates viruses and spores. Peracetic acid activity is hardly influenced by organic compounds that are present in the water. However, pH and temperature do influence peracetic acid activity. Peracetic acid is more effective when the pH value is 7 than at a pH range between 8 and 9. At a temperature of 15 °C and a pH value of 7, five times more peracetic acid is required to affectively deactivate pathogens than at a pH value of 7 and a temperature of 35 °C.

Active Surfactants -

(GRAS)

Naturally Derived Non Ionics
Alkyl Polyglucosides | Cocoamides
That are derived from Plant sources are completely & Readily Biodegradable. They are safe for Food Contact as Per US FDA Norms.

GRAS Approved Anionic
Sodium Lauryl Sulphate

Active Chelates -

(GRAS)

Naturally Derived Chelant
Sodium Gluconate
That are derived from Plant sources are completely & Readily Biodegradable. They are safe for Food Contact as Per US FDA Norms.



Safety Uncompromised -

All Products are free from all known Environmental & Human Toxic ingredients including -

APE/NPE | Phosphates | EDTA | Inorganic Acids | Syntheti Solvent Ethers etc.

General Hospital Area (All Surfaces) - Mild Fragrance



Corridors, Lobbies, Reception

Floor Mopping, Spray & Wipe Cleaning -
Door Handles, Furniture, Counters, Railings,
Lift Interiors, Glass Windows etc.

Cleaning & Disinfection

Sterimop MAX

Benzalkonium Chloride 3% w/v



FDA Licensed

Efficacy Tested

Others: Alkyl Polyglucoside,
Denatured Ethanol, Sodium Gluconate
Fragrance, Approved Food Colour.

MAX - Floor & Hard Surface Cleaner & Disinfectant



7pH Neutral
All Surface Safe
Marble | Wood | Glass | Steel

Floor Mopping | Spray & Wipe

 **96% Readily Biodegradable & Natural Source Ingredients**
Free from NPE | Caustic | EDTA | Phosphate
No Synthetic Solvents | VOC < 0.5% in Dilution

Dilution: 1:100 or 1% or 10 ml/ltr
300 ppm / 0.03% Benzalkonium Chloride



Sterimop GreenEarth PeopleSafe
MAX - Floor & Hard Surface Cleaner & Disinfectant
Dilution: 1:100 or 1% or 10 ml/ltr
or 1 Gallon in 2 litr Water
300 ppm / 0.03% Benzalkonium Chloride
Benzalkonium Chloride > 0.02% or 200 ppm found effective against COVID-19 in 30 Sec contact time for Hard Surface as per Research paper by published in The Journal of Hospital Infection.
Scan QR code
96% Readily Biodegradable & Natural Source Ingredients
Free from NPE | Caustic | EDTA | Phosphate
No Synthetic Solvents | VOC < 0.5% in Dilution
Approved for use on: Stainless Steel, Chrome/Aluminum, Polished Metal, Glass, Ceramic Tiles, Granite, Marble, Laminated Wood, Acrylic, PVC, etc.
Approved Food Colour: Apple Green, Yellow, Blue
Proudly Indian Technology
Green & Ethical Green Cleaning
Hayride
Green Cleaning India, Pvt. Ltd.
Hayride Chemicals Pvt. Ltd.
B-15/16 Industrial Area
Jalandhar - 143001
Manufactured in India by:
Hayride
Green Cleaning India, Pvt. Ltd.
Hayride Chemicals Pvt. Ltd.
B-15/16 Industrial Area
Jalandhar - 143001
Customer Care: 1800-800-1840
info@hayride.com | www.hayride.com
In use Cost only 2.2 Rs/ltr
Mfg. No. 25222005
Date: 01/01/2025
Mfg. Date: 01/01/2025
MSP: Rs. 1000/-
Inclusion of all Taxes
Form: Hayride/MS-01

In use Cost only 2 Rs/ltr

General Hospital Area (All Surfaces) - Unfragranced



Corridors, Lobbies, Reception

Floor Mopping, Spray & Wipe Cleaning -
Door Handles, Furniture, Counters, Railings,
Lift Interiors, Glass Windows etc.

Cleaning & Disinfection

OxyCleanz+



FDA Licensed
Efficacy Tested
US FDA GRAS Listed Ingredients

Hydrogen Peroxide 5% w/v

Others: Alkyl Polyglucoside, Denatured Ethanol,
Sodium Gluconate.

Floor & Hard Surface Cleaner & Disinfectant



Dilution: 10% or 1:9 or 100ml to make 1 ltr solution
for 0.5%[#] or 5000 ppm H₂O₂ Ready to use solution

[#] 0.5% Hydrogen Peroxide effective against Coronavirus as per WHO Guidance



Gloves | Mask | Face shield



Oxidizer



Corrosive
in Concentrate



Danger
Hydrogen Peroxide
in Concentrate



Proudly Indian Green Cleaning Technology

General Hospital Area (Floor) - Pine & Lemon Grass



Corridors, Lobbies, Reception

Floor Mopping with Pine - Lemon Grass Fragrance

Cleaning & Disinfection

Sterimop^{HF}



Benzalkonium Chloride 3% w/v

Others: Biodegradable: Non Ionic Surfactant, Denatured Ethanol, Sodium Gluconate, Pine Oil, Lemon Grass Oil, Fragrance, Approved Food Colour.

FDA Licensed

Efficacy Tested

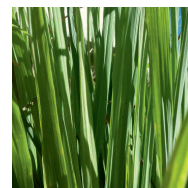
Fragrance & Natural Extracts

HF - Cleaner & Disinfectant



Floor Mopping

7ph Neutral
All Surface Safe
Marble | Wood | Glass | Steel

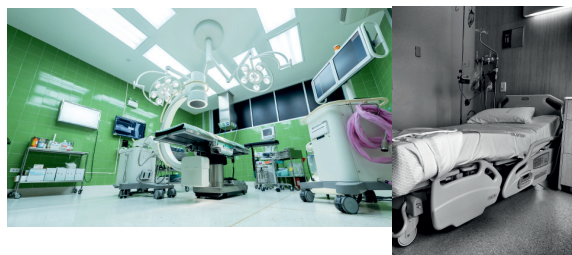


96% Readily Biodegradable Ingredients

Free from NPE | Caustic | EDTA | Phosphate
No Synthetic Solvents | VOC < 0.5% in Dilution

Dilution: 1:50 or 1% or 20 ml/ltr
600 ppm / 0.06% Benzalkonium Chloride
& Medium Pleasing Fragrance of Natural Pine & Lemon Grass Extracts

Hospital Area Critical (All Surfaces) - UnFragranced



Wards - ICU - OT's

Floor Mopping, Spray & Wipe Cleaning - Door Handles, Furniture, Patient Bedside, Patient Food Counter Table, Medical Equipment, Operating Tables, Glass Windows etc.

Cleaning & Disinfection

Sterishine LFRA



Benzalkonium Chloride 4% w/v

Others: **Polyhexa meta bigunaide 1% w/v**, Alkyl Polyglucoside, Denatured Ethanol, Sodium Gluconate Approved Food Colour.

FDA Licensed
Efficacy Tested
US FDA GRAS Listed Ingredients

LFRA - Floor & Hard Surface Cleaner & Disinfectant



7pH Neutral
All Surface Safe
Marble | Wood | Glass | Steel



Dual Disinfectants

11 Power

Broad Spectrum Long Acting

Active for up to **4 hours***

Critical Protection

against HIV, # H1N1 & Hep B Mycobacteria & Fungi

Dilution: 2-5% or 20-50 ml/ltr
800-2000 ppm Benzalkonium Chloride
50-200 ppm Poly hexa meta biguanide

General Hospital Area - Fogging



Corridors, Lobbies, Reception
Floor Mopping, Spray & Wipe Cleaning -
Door Handles, Furniture, Counters, Railings,
Lift Interiors, Glass Windows etc.

Fogging

Oxy-Fog



Hydrogen Peroxide 5% w/v

Others: Glycerine, Denatured Ethanol.

Usage:



Fog area with Fogging Machine.
Ventilate area after 5 minutes.



Gloves | Mask | Face Shield | Irritant

Dilution:

1:10 or 100 ml/ltr (5000 ppm) H2O2

DO NOT USE IN CONCENTRATE



**Corrosive
in Concentrate**



Hospital General & Critical Areas - Fogging Solution



Passages, Lobbies, Reception,
Wards - ICU - OT's
General to Critical Areas Fogging

Fogging

Sterimist



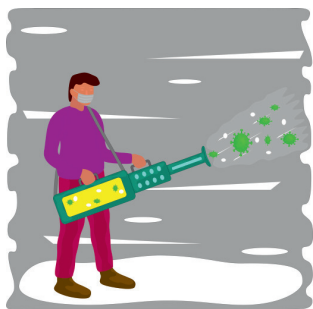
Fogging Disinfectant & Concentrate

Efficacy Tested

Benzalkonium Chloride 4% w/v | Polyhexa meta bi gunaide 2% w/v

Others: Glycerine, Denatured Ethanol.

Usage:



Fog area with Fogging Machine.
Ventilate area after 5 minutes.



Gloves | Mask | Face Shield | Irritant

Effective on Variety of Pathogens including
Tuberculosis - NABL Lab Efficacy reports available

Critical Areas - 1:20 Dilution - 50 ml/ltr
(2000 ppm BKC 1000 ppm PHMB)

General Areas - 1:50 Dilution - 20 ml/ltr
(800 ppm BKC | 400 ppm PHMB)



Hand Hygiene - Medical Personnel



Broad Spectrum Long Acting

Active for up to 2-3 hours*

Protection

against HIV, #
H1N1 & Hep B

Low Toxicity

Natural Ethanol in place of IPA

- Comfort Formula -

Moisturizing Non Irritant



Hand Sanitization - Hand Rub (Ethanol Based)

SANITZ+

Disinfecting Hand Rub

Denatured Ethanol 70% v/v + Benzalkonium Chloride 0.7% w/v



SANHEX

Disinfecting Hand Rub

Ethanol IP 70% v/v
Chlorhexidine Gluconate Solution IP 2.5% w/v
(Equivalent to Chlorhexidine Gluconate 0.5% w/v)



Disinfecting Hand Wash- Foaming (Moisturizing Formula)



SANWASH+

Sanitizing Foam Hand Wash

Benzalkonium Chloride 2.5% w/v

Has been formulated to give broad Spectrum Hand Sanitization with Long term Stay on Protection in Critical Settings.

With 25000 ppm of Benzalkonium Chloride, Maximum Efficacy is achieved in minimum contact time (30 seconds scrubbing) & hands stay infection free for up to 2 hours after wash.

Care has been taken to Use Naturally Derived Surfactant with a combination of Glycerine & Natural Moisturizers. SANWASH+ gives an excellent soft after feel with minimum dryness or irritability.



SANITZ

Anti Microbial Hand Wash

Triclosan 0.75% w/v

SANITZ Anti Microbial Hand Wash provides broad spectrum protection from infections with an ideal combination of Cleaning Surfactants & Triclosan 0.75% w/v.

Prolonged Protection upto 1 hour after Washing with residual effect of Triclosan.

A combination of Glycerine & Aloe Vera as moisturizers provide for a soft moisturized after feel with minimum drying or irritability. SANITZ Hand Wash is ideal for use in Wards by Doctors, Medical Personnel & Patients alike.



FDA Licensed

Surgical Equipment - Enzymatic Cleaning (1st Step)



Surgical Equipment - Scopes etc

1st Step Enzymatic Detergent Soak for effective removal of all Organic matter.

Cleaning & Organic Matter removal (Rinse Off)

SEPTZYME



Enzymatic - Multi Surface Cleaner (Germ Fighting Formula)

Dilution & Usage

ULTRASONIC Dip Cleaning: 5-10% (50-100 ml/ltr).

Rinse Surfaces with Water. Dip the Surface in Solution.

Leave for 5 minutes. Scrub with Scrub Pad if needed. Rinse.

Manual Scrub Cleaning: 3-5% (30-50 ml/ltr).

Rinse Surfaces with Water. Scrub the surface well with solution (Minimum 30 Seconds). Leave for 5 minutes. Rinse.

Cleaning in Place (CIP-Pipelines): 5% (50 ml/ltr).

Pre Rinse Pipelines with water. Recirculate Solution 5 minutes.

Rinse well hot water 5 minutes or till foam is zero.

Ingredients: Denatured Ethanol, Surfactants, Enzyme Mix.



Surgical Equipment - Cleaning & Disinfection (2nd Step)



Surgical Equipment - Scopes etc

2nd Step Washing with Antimicrobial Detergent before final Disinfectant Soaking.

Cleaning & Disinfection (Rinse Off)

UtileX-III



Soak & Wash

Efficacy Tested

US FDA GRAS
Listed Ingredients

**Foaming Rinse off Food Contact Safe
Cleaner | Degreaser | Disinfectant**
Benzalkonium Chloride 3% w/v

Others: Alkyl Polyglucoside, Cocoamidopropyl betaine, Sodium Gluconate, Food Color: Lemon Yellow.

Dilution: - 1:20 to 1:50 2% to 5%

Usage:

Manual - Scrub & Rinse
Ultra Sonic - As per Machine
Instruction



Surgical Equipment - Disinfecting Soak (3rd Step)



Surgical Equipment - Scopes etc
3rd Step Disinfectant Soaking before Autoclaving.

Disinfection only (Final Step Soak)

Utilex-SAN+



Benzalkonium Chloride 1% w/v | Poly hexa meta biguanide 2.5% w/v
Concentrated Disinfectant Solution

Usage:

Manual - Soak for 5 minutes, Drain
Ultra Sonic - As per Machine Instruction

Dilution: -

5% or 50 ml in 950 ml Water
(500 ppm BKC, 1250 ppm PHMB)



Surgical Equipment - Disinfecting Soak (3rd Step)



Surgical Equipment - Scopes etc

3rd Step Disinfectant Soaking before Autoclaving.

Disinfection only (Final Step Soak)

UTILEX Peroxy



Soak & Rinse

Peroxy Acetic Acid ^{*}10-15%, Acetic Acid - 10-15%,
Hydrogen Peroxide 15-18%

US FDA GRAS
Listed Ingredients

Usage:

CIP - after Cleaning

Dilution 1:100 or 10ml/ltr Water or 1%

PAA - 1000-1500 ppm or 0.1-0.15%

AA - 1000-1500 ppm or 0.1-0.15%

H2O2 - 1500-1800 ppm or 0.15-0.18%

(Contact Time - 1 - 5 minutes)



Gloves | Mask | Face shield



Oxidizer



Corrosive



Danger
Hydrogen Peroxide





Complete Eco Friendly Product Range

Manufacturing more than 90 speciality products for complete Hygiene needs of Housekeeping, Infection Control, Medical, Food-Pharma, Personal Care & Laundry.

World Class Manufacturing Facilities

ISO 9001:2014 Certified following WHO GMP Norms State-of-the-Art Manufacturing Facilities with Latest Machinery & Labs.

Top of the line Technical R&D

The group is driven by innovation since 1979. The R&D is headed by the promoters with over 40 years international Experience in Chemicals.

Beyond Products - Consultancy & Education

Three Tier Training & Education Program | Hygiene Audits | Cost Analysis | Awareness Posters | Sharing of World Best Practises

**Complete Housekeeping | Kitchen & Laundry Products available
- ask for separate Brochure**



Our Standard Setting Global Manufacturing Facility at Richhai Industrial Area Jabalpur - Commissioned September 2011

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