



**Capitis**  
Micro Control

Disinfection &  
Speciality Cleaning  
Products



**E3** | Efficient  
Eco friendly  
Economical

Aerial, Surface & Equipment Disinfectants

Specialty Cleaners

Skin/Topical Antiseptics

● Pharma & Biopharma

● Healthcare Units - Hospitals & Labs

# Capitis Offers Wide range and variety of Surface, Aerial disinfection, Skin antiseptics and specialty cleaning products

## Aerial, Surface (Floor, Walls) & Equipment Disinfectants

**Capicidal HP:** Fumigation and Surface disinfection  
(Hydrogen Peroxide and Nano silver)

**Capicidal HP Plus:** Superior Fumigation and Surface disinfection  
(Hydrogen Peroxide and Per Acetic Acid)

**Capicidal QUAT:** Surface (Floor / Wall) Disinfection  
(Quaternary Ammonium (Benzalkonium chloride and DDAC)

**Capicidal GA Plus:** Equipment and Device disinfection  
(Glutaraldehyde and 1,6-Dihydroxy 2,5-Dioxahexane)

## Skin Antiseptics

**Capidine:** Surgical scrub and Paint  
Povidine Iodine 5% 7.5% and 10%

**Capichlor (Gel / Solution):** Hand and skin antiseptic  
Chlorhexidine Gluconate and Glycerol Gel

**Capicare IP (Gel / Solution):** Hand and skin antiseptic  
Iso Propyl alcohol and Glycerine

**Hypochlorous acid:** Skin and Wound anti septic



## Specialty Cleaning & Disinfection

**Capicare FC:** Clean Room, OT and ICU Cleaning & Disinfection  
(Oxalic acid and Peracetic acid)-(Acidic pH)

**Capicare FC Spray:** Blood stain cleaning & Disinfection.  
(Oxalic acid and Peracetic acid)-(Acidic pH)

**Capicare ENZ:** Enzymatic cleaner for medical and Pharma equipment.  
(Enzyme blend and Surfactants)-(Neutral pH)

**Glycoclean C:** Grease & oil Cleaners for equipment  
(Oxalic acid, Surfactants and Citric Acid)-(Acidic pH)

**Glycoclean SA:** Lime scale & Rust Removal in OT and Sinks etc  
(Oxalic acid, Surfactants and Citric Acid)-(Acidic pH)

**Capicare MC:** Medical device and Labware Cleaner  
(SLES, Glucocide and NaCl)-(Neutral pH)

## Sterilization & Disinfection Equipment

**Autoclaves:** Vertical and Horizontal models

**ETO Sterilizers:** 400 litres to 2000 litres

**Plasma Sterilizers:** 15 litres to 100 litres

**Ultrasonic Fogging/Fumigation Machines:** For Critical Areas



# Disinfectants - Mode of Action

## Peracetic Acid (PAA)

PAA (at 0.2%) is a strong oxidizing agent that works quickly against all microorganisms by strongly oxidizing and denaturing proteins. PAA decomposes into acetic acid and hydrogen peroxide, which are non-toxic

## Hydrogen Peroxide (H<sub>2</sub>O<sub>2</sub>)

H<sub>2</sub>O<sub>2</sub> acts by the Fenton reaction that produces oxidative species like superoxide ions (O<sub>2</sub><sup>-</sup>) and hydroxyl radicals (OH). These oxidative species damage cellular compounds like DNA and proteins, leading to microbial cell death.

## Glutaraldehyde

Glutaraldehyde's aldehyde groups react with the amino groups in proteins and enzymes of microorganisms and forms covalent bonds, which cross-link the proteins. This leads to the inactivation of enzymes involved in energy production and replication, which causes cell death.

## Di decyl Di Methyl Ammonium Chloride (DDAC)

DDAC disrupts the intermolecular interactions and lipid bilayers of the cell membrane. DDAC causes the leakage of intracellular molecules, such as proteins and  $\beta$ -galactosidase. DDAC causes the formation of blebs on the cell wall.

## Alkyl Di methyl Benzyl Ammonium Chloride (ADBAC)

ADBAC Binds to cell membranes and Disrupts membrane integrity and Increases membrane permeability to leak essential cellular contents. Inhibits enzyme activity by denatures proteins, inhibiting enzyme activity and disrupting metabolic processes.

## 1,6-Dihydroxy 2,5-Dioxahexane

1,6-dihydroxy-2,5-dioxahexane alkylates hydroxyl, carbonyl, and amino groups, affects DNA, RNA, and protein synthesis. In microbes It releases formaldehyde under acidic conditions, which has bactericidal properties.



## Capicidal HP

### Fumigation & Surface Disinfection Liquid

#### Composition

- 🌿 **Hydrogen Peroxide - 12%(w/v)**
- 🌿 **Nano Silver- 0.01%(w/v)**
- 🌿 **Stabilizers and Rust preventors Excipients**

#### Applications

- Pharma & Healthcare
- ✓ Aerial Fumigation
- ✓ Surface Disinfection
- ✓ Wall & Floor Disinfection

Available : 1000ml & 5000 ml

Evaporative Formula

#### Usage Instructions:

**Aerial Fumigation:** Mix 500ml of Capicidal HP and 500ml DI water to fumigator and run for 20 Min.

**Surface Disinfection:** Add 500ml of Capicidal HP and 500ml of DI water and use.

#### Product Features

- ✓ Best product or Basic disinfection.
- ✓ No Residue formula and particle free (1 um filtered).
- ✓ Safe to environment (Degrades to water and oxygen).
- ✓ Effective against Bacterial, Virus, Spores, Mycoplasma and Mycobacteria.

# Capicidal HP Plus

## Aerial Fumigation & Surface Disinfection Liquid

### Composition

- 🔥 **Hydrogen Peroxide - 12%(w/v)**
- 🔥 **Peroxy acetic Acid: 1.2%(w/v)**
- 🔥 **Rust preventors & Excipients**

### Applications

#### Pharma & Healthcare

- ✓ Aerial Fumigation / Disinfection
- ✓ Clean rooms of Pharma & Hospitals
- ✓ Surface Disinfection (Walls, floors, equipment & Biosafety Cabinets)

### Evaporative Formula

Available : 1000ml & 5000 ml

### Usage Instructions:

**Aerial Fumigation:** Add 200ml of Capicidal HP Plus and 800ml of DI water to fumigator and run for 10 - 20 Min.

**Surface Disinfection:** Add 100ml of Capicidal HP Plus and 900ml of DI water and use.

### Product Features

- ✓ A superior food safe product that works when all others fail to perform.
- ✓ No Residue formula and particle free (1 um filtered for clean room and OT applications).
- ✓ Peracetic acid kills all microbes effectively and proven to be safe on Humans and food.
- ✓ Safe to environment (Degrades to water and acetic acid).
- ✓ Effective against Bacterial, Virus, Spores, Mycoplasma and Mycobacteria.

**Cautions to use:** Wear protective gloves and Mask while using the product. Dilute as per instructions for effective disinfection & safety.





## Capicidal QUAT

### Aerial Fumigation and surface Disinfection Liquid

#### Composition

- 🧪 **Di decyl Di Methyl Ammonium Chloride (DDAC) -2.4 %(w/v)**
- 🧪 **Alkyl Di methyl Benzyl Ammonium Chloride (ADBAC)-2.4%(w/v)**

#### Applications

Pharma & Healthcare

- ✓ Aerial Fumigation
- ✓ Surface Disinfection
- ✓ Wall & Floor Disinfection

Available : 1000ml & 5000 ml

#### Usage Instructions:

**Aerial Fumigation:** Add 200ml of Capicidal QUAT and 800ml of DI water to fumigator and run for 20 Min.

**Surface Disinfection:** Add 100ml of Capicidal QUAT and 900ml of DI water and use.

#### Product Features

- ✓ Mix of Quaternary Ammonium compounds (Dual Effect and safe to use).
- ✓ 1 um filtered.
- ✓ Effective against Virus, Spores, Mycoplasma and Mycobacteria.

# Capicidal GA Plus

## Equipment and devices Disinfection

### Composition

- 🧪 **Glutaraldehyde 5.0%(w/v)**
- 🧪 **1,6-Dihydroxy 2,5-Dioxahexane – 11.2%(w/v)**
- 🧪 **Activator and Excipients**

### Applications

Pharma & Healthcare

- ✓ Biosafety Cabinets
- ✓ Clean Room Wall and floor Disinfection
- ✓ Safe on Iron and removes stains



Available : 1000ml & 5000 ml

### Usage Instructions:

Add activator to the bottle and mix thoroughly

Cover all the electronic parts and spray onto the surface and leave for 1 Min and wipe.

Clean the devices with Equipment Cleaner (Capicare ENZ) before use of Capicidal GA PLUS.

### Product Features

- ✓ Improved formula of Glutaraldehyde disinfection.
- ✓ Rust Prevention Formula for use on metal surfaces of equipment.
- ✓ Minimal Residue formula effective even in presence of organic matter.
- ✓ Neutral pH allows to use on rust prone devices and 1 um filtered.
- ✓ Broad spectrum and Effective against Bacteria, Virus, Spores and Mycobacteria.



## Capicare FC

### Lab surface cleaning and Disinfection Liquid

1 um filtered for particle removal

#### Composition

- 🧪 Oxalic acid
- 🧪 Peroxy acetic Acid:
- 🧪 Ferrous sulphate
- 🧪 Rust preventors and Excipients

#### Applications

Pharma & Healthcare

- ✔ Critical area Cleaning
- ✔ Surface Cleaning
- ✔ Wall & Floor Cleaning
- ✔ Removes of Tough stains from surface

Available : 500 ml & 1000 ml

#### Usage Instructions:

Spray directly onto the surface and leave for 2-3 Min for effective cleaning and Wipe with lint free wipes.

Capicare FC is a cleaner cum disinfection solution used to prevent wide range of bacterial, mycoplasma, fungi and viruses by Peroxy acetic acid. Oxalic acid cleans the chemical, blood stains and biological material from surface.

#### Product Features

- ✔ Cleans the surface and also sterilizes by Peracetic acid.
- ✔ Rust Prevention Formula for use on metal surfaces of equipment.
- ✔ Removes almost all types of laboratory stains and grease.
- ✔ Safe to use in Food Industries.
- ✔ Safe to handle in closed environment also.



## Capicare ENZ

### Equipment and device Cleaner (Enzymatic)

#### Composition

- 🧪 Enzyme Blend  
(Lipase, Cellulase and  
proteinases)
- 🧪 CAPB
- 🧪 SLES
- 🧪 Oxalic Acid

#### Applications

- ✔ Removes of Blood stains  
from equipment surface
- ✔ Digests tissue / Cell stains
- ✔ Removal of chemical  
stains from OT and Pharma
- ✔ Grease / Oil cleaning



Available : 500 ml & 1000 ml

#### Usage Instructions:

Spray directly onto the equipment surface and leave for 2-3 Min for effective digestion of material and Wipe with lint free wipes.

Capicare ENZ is a enzyme based cleaner cum disinfection solution used to clean the chemical, blood stains and biological material from surface of the Diagnostic equipment, Operation Theatres and pharma equipment.

#### Product Features

- ✔ Cleans the tough biological materials from equipment and devices.
- ✔ Rust Prevention Formula for use on metal surfaces of equipment.
- ✔ Safe to use in Pharma & Healthcare Industries.
- ✔ Safe to handle in closed environment also.



## Glycoclean C

**Lime scale Remover and shiner  
Blood and hospital stain cleaner**

### Composition

- 🧪 Sulphamic acid
- 🧪 Citric acid
- 🧪 Oxalic acid
- 🧪 Silicone oil

### Applications

- ✓ Hard water scale removal on floors and concrete.
- ✓ Blood and biological material Stain removal on the surface.
- ✓ Oils and grease removal from pharma industry floors.

**Available : 1000 ml & 5000 ml**

### Usage Instructions:

Dilute 200ml in 800ml water and use for Lab and Hospital Stains, Pharma equipment and vessels cleaning.  
Use directly for tough stains of labware and pharma industry.

Glycoclean C is acidic cleaner with effective limescale / hard water stain removal.

Used in Pharma and healthcare floor and walls tough stains and limescale formed by hard water.

### Product Features

- ✓ Minimal residual formula and cleans all types of Lime Scale and Chemical stains.
- ✓ Rust Prevention Formula for use on metal surfaces of equipment.
- ✓ Safe to use in Food Industries.
- ✓ Safe to handle in closed environment also.

# Capicare MC

## Labware & Medical device Cleaner

### Composition

🔬 SLES

🔬 Lauramine Oxide

🔬 CAPB

🔬 Oxalic acid

### Applications

- ✓ Lab glass and plasticware cleaning
- ✓ OT and Pharma surface stain removal
- ✓ Grease / Oil cleaning in food industries
- ✓ Cleaning of tough Stains.

Available : 1000 ml & 5000 ml

### Usage Instructions:

Dilute 200ml in 800ml water and use for Lab and Hospital Stains, Pharma equipment and vessels cleaning.  
Use directly for tough stains of labware and pharma industry equipments.

Capicare MC is a Neutral multipurpose Labware cleaner with effective stain removal capacity.

Used in Pharma vessel cleaning, Neutral pH formulation allows to use in cleaning laboratory glassware and plasticware.

### Product Features

- ✓ Minimal residual formula and cleans all types of grease, oil and chemical stains.
- ✓ Rust Prevention Formula for use on metal surfaces of equipment.
- ✓ Safe to use in Food Industries.
- ✓ Safe to handle in closed environment also.



# Glycoclean SA

**Rust and stain Cleaner** (with Rust Prevention formula)

## Composition

- ▲ Sulphamic Acid (Food safe)
- ▲ Ferrous sulfate
- ▲ Oxalic Acid
- ▲ Excipients

## Applications

- ✓ SS and MS furniture cleaning
- ✓ SS equipment cleaning
- ✓ SS Tap and Pipe cleaning
- ✓ Rust Prevention formulation avoids rust for longer periods

Available : 500 ml & 1000 ml

### Usage Instructions:

Spray directly on the surface of an object and leave for 2-3 min before wiping.

For Inner tubes inject directly into the tubes and leave it for 5-10 min and wash with water.

Glycoclean SA is Specially formulated for rust removal and prevention in critical clean areas of pharma and healthcare. Cleans the rust and stains in internal parts of the tubing in pharma. Micron filtration of the cleaner will be suitable for clean room application.

### Product Features

- ✓ Rust Prevention Formula for use on metal surfaces of equipment.
- ✓ Safe to use in Healthcare and Pharma Industries.
- ✓ Safe to handle in closed environment also.
- ✓ No residue formula.



Available : **500ml Pump bottle**

## Capicare IP & IP Gel

Hand Sanitization | Skin antiseptic

### Composition

- Isopropyl alcohol -70%(w/v)
- Hydrogen Peroxide 0.125
- Glycerin



Available : **100, 500 & 1000 ml**

## Capichlor

Hand Sanitization | Skin antiseptic

### Composition

- Chlorhexidine Gluconate 1.5%(w/v)
- Cetrimide 3% (v/v)



Available : **100, 500 & 1000 ml**

## Capidine

OT Scrub antiseptic | Hand Sanitization  
Skin antiseptic

### Composition

- Povidone Iodine 5%,7.5% and 10%(w/v)

Product Selection - Healthcare and Diagnostics

Application Area	Cleaning Products	Disinfection Products	Topical / Skin Antiseptics
Common areas	Capicare MC	Capicidal HP	Capicare IP
Sinks and Disinfectant Stains	Glycoclean SA	Capicidal HP	
Hospital Critical areas ICU, NICU and OT	Capicare FC	Capicidal HP Plus	Capicare IP Capichlor
Patient Rooms	Capicare FC Glycoclean SA	Capicidal HP Plus	Capicare IP
Hospital critical equipment	Capicare ENZ	Capicidal GA Plus	
Reusable Medical devices	Capicare MC (Neutral pH) Capicare ENZ(Neutral pH)	Capicidal GA Plus	
Diagnostic Labs	Capicare FC	Capicidal QUAT	
Blood stains removal & Disinfection	Capicare FC Glycoclean C	Capicidal QUAT	



Product Selection - Pharma, Bio-Pharma & Research Labs

Application Area	Cleaning Products	Disinfection Products	Topical / Skin Antiseptics
Common areas	Capicare MC	Capicidal HP	Capicare IP
Sinks and chemical Stains	Glycoclean SA	Capicidal HP	
Clean Rooms	Capicare FC	Capicidal HP Plus	Capicare IP Capichlor
Cell Culture rooms and Equipment	Capicare FC	Capicidal HP Plus	Capicare IP
Pharma and Biopharma equipment	Capicare ENZ	Capicidal GA Plus	
Chemical & biological labware	Capicare MC (Neutral pH) Capicare ENZ(Neutral pH)		
Rust cleaning	Glycoclean SA		



# Sterilization & Disinfection Equipment



**Autoclaves & ETO Sterilizers**



**Plasma Sterilizers**



**Ultrasonic Fogging/  
Fumigation Machines**

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