

# Germicure™

## *Broad Spectrum Disinfectant*

**Germicure™** is the breakthrough disinfectant formulation that defines on complete biosecurity. With powerful, proven performance against over 500 strains of viruses, bacteria and fungi including Covid-19 (Corona-Virus), Foot and Mouth Disease (FMD), Avian Influenza, Salmonella and Campylobacter

ANTIBACTERIAL



**Virucidal**  
**Fungicidal**  
**Germicidal**  
**Bactericidal**



No Toxic Vapour Phase  
Non irritant to skin & eyes  
Cleans and disinfects in one step in 10 minutes



**Le-Mantus**  
**Pharmaceuticals Pvt. Ltd.**  
Helpline No. : 8168742720

## **Introduction:**

- A highly convenient multi-purpose biosecurity system all in one pack for surfaces, equipment, vehicles, aerial disinfection, and water delivery systems.
- Approved by Governments Worldwide to combat major diseases such as FMD, Covid-19, Swine Vesicular disease, Avian Influenza, Newcastle Disease, and more.
- Germicure™ kills pathogens ten times faster than the nearest competitor, even at low temperatures and in the presence of organic challenge.
- With Germicure™ only one product is needed to clean and disinfect.
- Fast Acting 10-minute Disinfectant
- Contains No Aldehyde and No Toxic Vapour Phase
- 1% ready to use solution is not Corrosive.
- Germicure™ kills pathogens ten times faster than the nearest competitor, even at low temperatures and in the presence of organic challenge.
- Superior Safety: A typical in-use dilution of 1:100 (1%) has been shown to be non-irritating to skin and eyes and is not a sensitising agent.
- Environmental Friendly: Germicure™ has been formulated to include ingredients that have been carefully selected for their ability to degrade naturally within the environment

## **Mode of Action:**

Germicure™ oxidizes key structures and compounds, such as proteins, leading to widespread, irreversible damage and subsequent deactivation/destruction of the microorganism. There is no evidence to suggest that bacterial disease-causing organisms develop resistance towards Germicure™ as opposed to some other disinfectant types.

## **Cost Effective Sanitization:**

**Costs only Rs 28/Litre** (including GST) as 1% solution.



## Germicure™ v/s Sodium Hypochlorite

Germicure™	Sodium Hypochlorite
<i>Stable Solution – Germicure™ is a balanced stabilized blend of peroxygen compounds, surfactant, organic acids and an inorganic buffer system.</i>	<i>Unstable Solution - Higher the concentration, faster the chemical breaks down, as the chemicals breaks down, its reaction in water slows. When open to the air, chlorine evaporates at a high rate from the solution, rapidly reducing the concentration of free chlorine</i>
<i>Environmental Friendly</i>	<i>As per <b>WHO</b> Environmentally Hazardous</i>
<i>1% Solution - Non-Irritant to skin &amp; eyes, Exceptionally low oral toxicity</i>	<i>As per <b>WHO</b>, Spraying chlorine can cause eye and skin irritation and gastrointestinal effects</i>
<i>Easy to store &amp; require less space</i>	<i>Require Huge storage space</i>
<i>Non-Corrosive Solution</i>	<i>Corrosive Solution</i>
<i>Non-Toxic</i>	<i>Toxic</i>
<i>Cost Effective</i>	<i>Very Costly</i>
<i>Active in Soaps/ Detergents/ Sunlight</i>	<i>Inactive in Soaps/ Detergents/ Sunlight</i>
<i>No Harmful By-product, degrade naturally</i>	<i>Harmful By-products</i>

## Effective Against A Wide Range of Viruses\*, Bacteria and Fungi

### Viruses

\*Hepatitis A Virus (HAV), Covid-19 (CoronaVirus), Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), and HIV (Human Immunodeficiency Virus (HIV-1) (AIDS Virus), Influenza A Virus, Respiratory Syncytial Virus (RSV), Norovirus (Norwalk-like Viruses), Avian Influenza Virus, Pandemic 2009 H1N1 influenza A virus.

### Bacteria & Fungi

*Bacillus cereus, Campylobacter jejuni, Chlamydia psittaci, Clostridium perfringens, Listeria monocytogenes, Shigella sonnei, Streptococcus pyogenes, Helicobacter pylori, Klebsiella pneumoniae, Escherichia coli 0157:H7, Escherichia coli, Salmonella typhimurium, Salmonella enterica, Pseudomonas aeruginosa, Staphylococcus aureus, Staphylococcus epidermidis, Methicillin-Resistant Staphylococcus aureus (MRSA), Vancomycin-Resistant Enterococcus faecalis (VRE), Candida albicans, and Trichophyton mentagrophytes.*

### Easy to Prepare

For 1% Solution: Dissolve 10 gm of Germicure™ in 1 litre of tap water, Germicure™ dissolves into a pink solution, which activates within 5 minutes. Germicure™ 1% solution is stable for 7 days but must be discarded when the pink color fades.



## How to Use

Remove gross dirt and prepare 1.0% solution. Apply to surface using a sponge, mop, brush, or spray device until the surface is visibly clean. Let it stand for 10 minutes.

## Where to Use

Its qualities make Germicure™ the disinfectant of choice for Cleaning and disinfecting hard, non-porous surfaces in

- Factories & Warehouse
- Restaurants & Cafeteria
- Retail Stores & Supermarkets
- Schools & Offices
- Restrooms & Toilet Seat Sanitization
- Hotels & Malls
- Gymnasiums, Stadiums
- Mortuaries
- Barbers & Beauty Salons
- Vehicles including Trucks, Trains
- Medical Facilities



- Routine disinfection of hard surfaces, furniture, floors, walls and doors in hospital wards, clinics and laboratories.

- Broad spectrum disinfection and decontamination of hard surfaces in critical clinical facilities, such as operating theatres, intensive care units and emergency departments.

- Body fluid spillage clear-up and decontamination.

- Pathology and Biosafety Containment Laboratories

- Routine cleaning and disinfection of hard surfaces and equipment\*, such as benches, floors, walls and doors, cabinets, centrifuges and pipette discard jars.

\*not for use for the disinfection of medical devices.

- Residential Societies & Homes

- Routine disinfection of hard surfaces, equipment\*, furniture, floors, walls and doors in treatment and communal areas, corridors and bathrooms.

- Laundry & Bedding: soak in Germicure™ before prior washing.

## Presentations

### Germicure™ Powder

100g HDPE Bottle – makes 10 litres of disinfectant 1 kg

HDPE Bottle – makes 100 litres of disinfectant

## Composition

Potassium Monopersulfate (Triple Salt): 50% w/w

Sodium C14-16 Alpha Olefin Sulfonate: 10 - 20% w/w

Sodium Chloride: 1%-5% w/w

Colour: Pink



**Chemical Component Approved by Environmental Protective Agency (EPA) - USA**