



OTGUARD CE

Complete disinfection with Economics for Hard non-porous surface and air

Composition: (4th Generation QAC)

Quaternary ammonium compound,
di-C8-alkyl dimethyl chlorides IP-13%

Quaternary ammonium compound

Benzyl -C-12-16- alkyl dimethyl chloride IP-7%

Inert ingredients



Otguard CE

OTGUARD CE is a highly effective product with Bactericidal, Fungicidal Virucidal, sporicidal, tuberculocidal mildew stat, cleaner and deodoriser properties.

It is an ideal disinfection for pharmaceutical industry (injectable, syrup, and tablet formulation), Animal contact farming/ food and hospitality industry

OTGUARD CE is ideal for critical and non-critical areas in Hospital like, OT, ICU, Nurseries, Microbiology labs, transplant units, Burn units, Oncology unit etc. Product can be used for fogging, mopping, dusting, wiping & spraying applications.

Mode of Action

Disinfectants act on microorganisms in two different ways: growth inhibition (bacteriostasis, fungistasis) or lethal action (bactericidal, fungicidal or virucidal effects). Only the lethal effects are of interest in disinfection and, as the objects of treatment have no inherent means of defence, lethality is the desired objective

OTGUARD CE is a complex formulations of active molecules, containing co-solvents, chelating agents, alkaline agents, and surface-active products.

Action on the external membrane of the bacterial wall: A bacterium is protected from its environment by a membrane, the integrity of which is essential to survival of the bacterium. This membrane consists of basic compounds such as phospholipids and lipopolysaccharides, and is stabilised by Mg ++ and Ca ++ cations. Thus, ionised disinfecting molecules are absorbed by electrical charges at the initial contact and absorption stage, which leads other molecules through the membrane. Other molecules will be able to disturb the organisation of the membrane. Action on the cytoplasmic membrane An active molecule, such as a nutrient, penetrates the cytoplasmic membrane by passive diffusion (non-specific and slow) which leads to the release of IONS and other Cytoplasmic Constituents thus leading to the death or inactivation of microorganisms.



MediZysis India Pvt. Ltd.
transforming hyziene...

B-1/209, Harsh Vihar, Delhi-110093
Customer Care: 011-22343535, 9425628989
Email: medizysis@gmail.com

Features

Bactericidal, Fungicidal Virucidal, sporicidal, tuberculocidal mildew stat, cleaner and deodoriser.

Aldehyde free, User Friendly, Non- Corrosive, Non- Hazardous, Non-irritant.

Eco friendly & Bio-degradable. Highly effective. Removes stain.

Works in hostile conditions

Manufactured under ISO,WHO,GMP facility.

Direction of Use

Surface Mopping: 4 ml OTGUARD CE is to be diluted in 1000 ml of water. Mop the area with the help of mopping cloth. Freshly prepared solution is recommended

Environment: 4ml OTGUARD CE is to be diluted in 1000 ml of water. This solution is sufficient for fogging of 1000cft area. Diluted solution is stable up to 64 days but freshly prepared solution is always recommended.

Contact Time - 15 Minutes

Dilution for Uses

4 ml/ litre for critical area
2 ml/ litre for non-critical area

Physical & Chemical Properties

Colour - Colourless./ Light Yellow

Odour - Pleasant Odour

PH - 9.5 -10

Storage - Room temperature

Stability

Undiluted Shelf life: 2 years

Diluted solution: stable up to 64 days

Precautions

For External Use only.

Avoid direct contact with eyes & skin.

Rinse with fresh water in case of contact.

Seek medical help in case of emergency.

Keep out of reach of children.

Contact with aldehyde base or any other disinfectant must be avoided

Material Compatibility

OTGUARD CE is compatible with most of the metals, Plastics elastomers and adhesives.



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Name of Product - OTGUARD CE
Pack Size - 1000 ML