Cororid™

A unique, fast acting, potent fumigant, and disinfectant

Composition:

- Benzalkonium Chloride IP : 7.5% (w/v)
- Glutaraldehyde 25% : 5% (w/v)
- Formaldehyde Solution BP : 2.5% (w/v)

Mode of Action:

- Benzalkonium Chloride a type of quaternary ammonium compounds is widely used as disinfectant. The bactericidal action of Benzalkonium Chloride has been attributed to the inactivation of energy-producing enzymes, denaturation of essential cell proteins, and disruption of the cell membrane.
- Glutaraldehyde is a saturated dialdehyde that has wide acceptance as a very effective disinfectant and chemical sterilant. The biocidal activity of glutaraldehyde results from its alkylation of sulfhydryl, hydroxyl, carboxyl, and amino groups of microorganisms, which alters RNA, DNA, and protein synthesis.
- Formaldehyde is used as a very effective disinfectant and chemical sterilant. Formaldehyde inactivates microorganisms by alkylating the amino and sulfhydryl groups of proteins and ring nitrogen atoms of purine bases.

Salient Features:

- ✓ **Is a broad-spectrum disinfectant**
- ✓ **Is quick acting disinfectant**
- ✓ **Suitable for mopping and fumigation**
- ✓ **Active at wide ranges of pH**
- ✓ **Active in presence of Organic matter**
- ✓ **Stable at room temperature and non-corrosive**

It is effective against Gram +ve, Gram -ve Bacteria, Mycobacterium tuberculosis, Bacterial spores, Most viruses(including HIV, Hepatitis B & C), Protozoa and Fungi.

Contact time- 30 minutes for Bacterial spores, 20 minutes for mycobacterium tuberculosis, 10 minutes for Fungi and 2 minutes for Vegetative Bacteria.

Applications:

Cororid provides quick turnaround time for disinfection of hard surfaces. Preferred disinfectant for wide range of applications.

- *Household*
- *Malls*
- *Multiplexes*
- *Hospitals*
- *Clinics*
- *Shops*
- *Showrooms*
- *Warehouse*
- *Offices*
- *Airports*
- *Railways*
- *Bus stands*
- *Gym and spa*
- *Community halls*
- *Hotels*
- *Restaurants*
- *Food courts*
- *Educational institutions*
- *Poultry*
- *Industries*
  - ✓ *Pharmaceuticals*
  - ✓ *Food & beverages*
  - ✓ *Automotive*
  - ✓ *Other industries*

Directions for use:

Dilute **Cororid** in water for surface applications in hospitals, laboratories, railways, airports, hotels, malls, restaurants, gym, food and beverage plants, Pharmaceutical Industries, etc. For common areas use 20 ml **Coroid** with 1lt of water. For super critical and highly sensitive areas, use 80 ml with 1lt of water

Dosage by application:

Railways

Dosage: 20ml/lt

Airports

Dosage: 20ml/lt

Bus Stand

Dosage: 20ml/lt

OT

Dosage: 80ml/lt

ICU

Dosage: 20ml/lt

OPD

Dosage: 20ml/lt

Pharma

Dosage: 20ml/lt

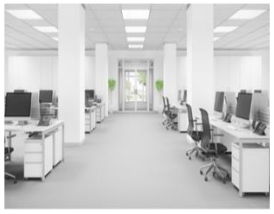
Food Processing

Dosage: 20ml/lt

Beverages

Dosage: 20ml/lt

Office



Dosage: 20ml/lt

Malls

Dosage: 20ml/lt

Education

Dosage: 20ml/lt

Hotels

Dosage: 20ml/lt

Restaurants

Dosage: 20ml/lt

Gym

Dosage: 20ml/lt

Most important precautions:

Keep out of reach of children. Avoid eye and skin contact. Harmful if swallowed. In case of contact with eyes or skin, rinse cautiously with plenty of water for several minutes. If irritation and redness develop, get immediate medical advice/attention.

Formulation contains formaldehyde which should be handled with extra care as it is a known carcinogenic and has strong pungent odour. Therefore following care need to be taken.

- ✓ Should be applied only when the area is unmanned.
- ✓ Sufficient ventilation of 2 hours post application should be allowed for the smell to disappear.
- ✓ While using the person should wear appropriate PPE such as disposable rubber boots, heavy duty gloves, a triple layer mask, eye protective equipment, etc.
- ✓ All disposable PPE should be removed and discarded after cleaning activities are completed.
- ✓ Hands should be washed with soap and water immediately after each piece of PPE is removed.

Packing size:

4 X 5L HDPE bottles in 5 Ply Corrugated Box.

Deepak Fertilisers and Petrochemicals Corp. Ltd.

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