

Aldehyde Free

First
Time in India

Mi-Fog[®]

Sporicidal High Level

Disinfectant for Critical Areas



CE

- 5th Generation QAC with PHMB.
- Sporicidal • Mycobactericidal • Virucidal • Fungicidal.
- Bactericidal Denatures DNA/RNA.
- Excellent material compatibility.
- Works in hostile & challenging conditions.
- Corrosion Free.
- Bio-degradable, Eco Friendly, Non Toxic.
- Colour Less, Perfume Free.

Active Ingredients

Benzalkonium Chloride (QAC)	13.6%w/v
Didecyl Dimethyl Ammonium Chloride (QAC)	13.0%w/v
Poly Hexa Methylene Biguanide hydrochloride	5.0% w/v



Manufactured by
Nano Particulate
technology

Ideally suited for fogging

FMS
You Say. We Disinfect.



Sporicidal High Level Disinfectant for Critical Areas

5th Generation QAC with PHMB... The Winning Formulation

Mi-Fog utilises the proven chemistry of 5th generation Quaternary Ammonium Compounds with PHMB. The winning formulation of BKC + DDAC + PHMB provides unmatched microbicidal efficacy and safety.

Benzalkonium Chloride or BKC is a member of the quaternary ammonium class of biocides, which is recognised for its dual biocidal and detergency properties. It provides a high level of activity against bacteria, algae, fungi and enveloped viruses at exceptionally low concentrations. Its strong detergency ensures easily removal of organic soil which harbours microbes.

Didcyl Dimethyl Ammonium Chloride or DDAC has both powerful surfactant and disinfectant properties. DDAC is used in Hospitals, institutions and industries where a high level of sanitization is required. It retains its biocidal activity in high organic load as well as in hard water.

Poly Hexamethylene Biguanide Hydrochloride or PHMB has been used for many years as a broad spectrum biocide in hospital, food processing & institutional disinfection applications. PHMB is a fast acting biocide, effective against gram positive & gram negative bacteria, enveloped and non- enveloped viruses, yeast & fungi. It retains its activity in presence of organic matter such as protein, fat and blood. It is active in both hard and soft water. It retains its biocidal activity even in pH variation between 1 ~ 11 . Combination of PHMB with Quaternary Ammonium Compounds provide complementary performance, offering the benefits of PHMB while enhancing the overall activity towards fungal organisms.

Effective - Sporicidal and Myco-bactericidal (Tuberculocidal), Virucidal, Fungicidal

Mi-Fog combines an array of proven ingredients which make it a formidable anti-microbial agent. It provides security against all types of micro-organisms like bacteria, myco-bacterium tuberculosis, viruses, fungi and spores. The fast acting formulation facilitates a quick turn around time and enhances Hospital efficiency. Mi-fog has been tested as per European protocols at NABL accredited laboratories and has been awarded the most coveted European CE mark.

Dilutions for Use

Critical Areas : 10ml in 1 liter water		Non-Critical Area : 5ml in 1 liter water
Application		Dilution Ratio
Aerial Disinfection (Fogging)	Enclosed area in absence of personnel 1L of diluted solution for 1000 cubic feet over 10 minutes	10ml Mi-Fog in 1 Liter water.
Critical Surfaces	High risk areas (Table, bedding and other similar surfaces), ICU, ICCU, SICU Gynecology, Neonatal, Burns, Oncology Dialysis unit, Operation Theatres	10ml Mi-Fog in 1 Liter water
General & Intermediate Risk Surfaces	General areas and Intermediate risk areas (Floor, Walls), OPD, Clinics, Mobile units, Dental clinics, Wards	5ml Mi-Fog in 1 Liter water
Fabric Disinfection Gowns, Linen etc.	For manual wash Soak in Mi-Fog & rinse with water For washing machine wash Add to fabric conditioner dispenser	50ml Mi-Fog in 1 Liter water for 4 KG load

On soiled & challenging surfaces, use 15ml Mi-Fog for critical areas and 7.5ml Mi-Fog for non critical areas in 1 liter water. Mi-Fog is compatible with hard water, upto a TDS of 800ppm.

Faith Microsolution recommends use of Mi-Fogger ULV Fogger for environmental decontamination.

Precautions

- Do not mix with other chemical or detergents
- Remove residual organic matter before disinfection
- Flush eyes with fresh water in case of contact
- In case of emergency, seek medical help
- Keep out of reach of children
- Contact with Aldehyde based products must be avoided. If disinfection was previously carried out using aldehyde based products, intermediate cleaning is recommended before changing to Mi-Fog.



You Say. We Disinfect.

FAITH MICRO SOLUTIONS

ISO 9001 : 2015 & ISO 13485 : 2016 Company

Head office: 27, Ashoka Chambers, 5-B Rajendra Park, New Delhi-110060, INDIA

Phone : 011-47479797 (20 Lines)

Customer Care : info@faithmicrosolutions.com

Url : www.faimicrosolutions.com

Pack Size : 1 Liter

Authorised Representative :

Connect with us at :

