



SteriTech
SPECIALIST INFECTION PROTECTION

CAS



CONCENTRATED ANTIMICROBIAL SOLUTION

ACTIVE INGREDIENTS

[7.2%] Didecyldimethylammonium chloride;
[2.5%] Bis [3-aminopropyl] dodecylamine;
[0.4%] Alkyldimethylbenzylammonium chloride;
[0.4%] Alkyldimethylethylbenzylammonium chloride;
[1.7%] Isopropanol; [0.3%] Ethanol.

PRODUCT CHARACTERISTICS

Super-concentrated; Unfragranced;
Non-corrosive; Non-toxic; Non-staining
Non-caustic; Biodegradable

RECOMMENDED USES

Healthcare surface & medical device disinfection.
Antimicrobial fogging.
Eradication of mould, mildew and fungal growth within
healthcare facilities.

PPE REQUIREMENTS

For mixing and or handling of the concentrate use latex
or nitrile gloves and prevent eye contact. For fogging
use safety goggles and respiratory protection. Allow
adequate ventilation prior to re-occupying the area.



For additional information about
this product, or to give product
feedback to the manufacturer,
please scan this QR code.

PRODUCT DESCRIPTION

INSTRUCTIONS FOR USE

Dilute CAS as per below Product Testing table, where 1% equals 10mL product per 1L of water (or 1 dosing pump with 2.5L of water). Thoroughly clean and rinse surfaces, and then spray the surface with the diluted solution uniformly from a distance of about 30cm away. Allow the contact time of your desired efficacy as per below efficacy table, or a minimum of 5 minutes before rinsing, or using the surface. Dilute only enough for immediate single use – if unused, discard within 7 days of dilution.

For fogging applications, dilute as described above and pour the diluted solution into the holding tank of your fogger. Vacate the area, don PPE (goggles and respiratory mask) and fog for a minimum of 15 minutes. Then allow at least 20 minutes before re-entering the area to allow for suitable product settlement and dissipation of the fog.

NOT SUITABLE FOR THERMAL FOGGING.

The use of Minimum Effective Concentration Test Strips are recommended for verification of dilution accuracy - 400ppm minimum level.

Available sizes:

25L, 5L Dosing Pump, 1L, 1L Dosing Bottle, 500mL

Recommended Dilution Factor:

1:100 or 1% (10mL per L of water)

Physical Form: Yellow liquid

Odour: Mild chemical smell

pH (Concentrate): 11.0-11.5 **pH (Diluted):** 8.5-9.5

Risk Classification: B / IIa

GMDN Code: 47631

GMDN Descriptor:

Medical device disinfection agent.

NRCS Registration number:

NRCS/8054/242613/182

SAHPRA Medical Device Registration Number:

Awaiting Class Registration Call-up

Incompatibilities:

Anionic detergents, Natural Soaps, Strong oxidisers

Optional Accessories:

Minimum Effective Concentration Test Strips



EFFICACY TESTING:



	Tested To:	Time: (mins)	Dilution:	Conditions:
Bactericidal Efficacy	SANS 51276 (EN 1276): Enterococcus hirae, Escherichia coli, Pseudomonas aeruginosa & Staphylococcus aureus SANS 53727 (EN 13727): Enterococcus hirae, Pseudomonas aeruginosa, Staphylococcus aureus, Klebsiella pneumoniae & Listeria monocytogenes.	5	1%	Clean
Fungicidal & Yeasticidal Efficacy	SANS 51650 (EN 1650): Aspergillus brasiliensis & Candida albicans SANS 53624 (EN 13624): Aspergillus brasiliensis & Candida albicans	15	2% 1%	Clean
Virucidal Efficacy	EN 14476 (SANS 54776): Human adenovirus; Human coronavirus	60; 15	1%	Clean
Sporocidal Efficacy	SANS 53704 (EN 13704): Bacillus subtilis & Clostridium difficile	15	1%	Clean
Mycobactericidal Efficacy	EN 14348 (SANS 54348): Mycobacterium terrae	60	1%	Clean
Corrosivity	SANS 636 (In-house): Non-corrosive at a 24 hour exposure period.			
Dermal irritation	OECD 439: Category 2 Irritant at 2% dilution.			
Cytotoxicity	ISO 10993-5: Cytotoxic potential at concentrations > 55%; IC50 = 50.91%.			