



Product Overview

TGStru BC is a concentrated, intermediate-level solution with the presence of new quaternary ammonium compounds including benzalkonium chloride, surfactants and corrosion inhibitors is effective for disinfecting surgical and medical instruments in medical and dental centers (hospitals, medical and dental clinics, etc.). Quaternary ammonium compounds are usually used as disinfectants due to their cationic amphiphilic properties. The final effect of benzalkonium chlorides is to damage the pathogen membrane and in the case of bacteria, disrupt essential cellular processes such as ATP synthesis or solute absorption. Therefore the amphiphilicity of benzalkonium chloride in interacting with target membranes and disrupting them is very important for effective antimicrobial performance. It should be noted that it can be used for up to 14 days.

Directions for Use

Cleaning stage: Clean the medical or dental instruments with enzymatic detergent (TGStru EZYM), rinse thoroughly and dry. **Intermediate-level disinfection:** Dilute the solution in a special disinfection container at a ratio of 2% and then immerse the instrument in it. Ensure that the solution contacts all internal and external surfaces, then close the lid.

Contact time: Keep the instruments immersed for the required time according to the selected concentration in the table below.

Effecting time based on dilution	
2%	15 minutes
1%	30 minutes
0.5%	60 minutes

Rinsing and drying: After the required contact time, rinse with clean water and dry thoroughly. The prepared working solution may be used for up to 14 days.

User safety: Wear suitable protective gloves and a mask during handling. Use safety goggles or a face shield to protect the eyes.

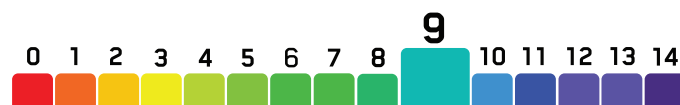
Warning: Critical instruments must be autoclaved after disinfection with this solution.

2% Dilution Guide	Final Volume	TGStru BC	Water
	1 Lit	20 cc	980 cc
	2 Lit	40 cc	1960 cc
	3 Lit	60 cc	2940 cc
	5 Lit	100 cc	4900 cc
	10 Lit	200 cc	9800 cc



Product Benefits

- . New formulation with optimal quaternary ammonium compound concentration
- . Intermediate-level disinfection at 15 minutes
- . Anti-corrosion effect
- . Concentrate
- . Environmentally friendly
- . Rapid effect on a broad variety of microorganisms
- . No sticky residue or remaining effects after application
- . This product can be used for up to 14 days
- . Compliant with international WHO standards



Effective Spectrum	Types	Effectuated Times
Bactericidal activity (EN 13727)	Staphylococcus aureus Pseudomonas aeruginosa Escherichia coli Enterococcus hirae	5 min
Fungicidal activity (EN 13624)	Candida albicans	15 min
Virucidal activity (EN 14476)	Non-enveloped viruses enveloped viruses	10 min

Delivery forms:

1 Lit, 2 Lit.



FOR YOUR INSTRUMENTS

