

## BACTOSAL®

### Liquid concentrate for cleaning and for disinfection

#### Composition

Active ingredient:

Sodium hypochlorite (30 - 35 g/l active chlorine)

#### Properties and action

**BACTOSAL®** is clear, pale yellowish liquid with strong bactericidal effect on all clinical strains of bacteria. It has remarkable bactericidal (Gram-positive and Gram-negative bacteria), sporocidal and fungicidal effect that is achieved in a very short time even at high dilution rates (small concentrations).

**Bactericide** - including *Staphylococcus aureus* ATCC 29213, *Staphylococcus aureus* (MRSA), *Pseudomonas aeruginosa* ATCC 27853, *Escherichia coli* ATCC 25922, *Shigella flexneri*, *Salmonella enteritidis*;

**Sporocide** - including *Bacillus subtilis* ATCC 6633, *Bacillus megatherium*, *Bacillus panthotenicum*, *Bacillus alvei*;

**Tuberculocide** - *Mycobacterium tuberculosis*;

**Fungicide** - including *Candida albicans*;

**Virucide** - including HBV, HCV и HIV.

**BACTOSAL®** is easily dissolved in water, does not create foam, does not erode rubber, plastic, glass and metals, is not corrosive, can be easily removed with water from the treated surfaces and does not cause allergic reactions.

**BACTOSAL® is approved for use in food industry.**

#### Use

**BACTOSAL®** is used in food industry, in healthcare facilities, in laboratories, in public facilities, in hospitality and hotel industries, for cleaning and disinfection of different types of instruments, containers, utensils and equipment, facilities (walls and floors) etc.

Cleaning and disinfection are performed by:

- **RINSING**
  - 2% solution of **BACTOSAL®** for 1 hour on room temperature can be used for rinsing different types of instruments, equipment, laboratory glass, pipettes and other appliances.
- **SOAKING**
  - 2% solution of **BACTOSAL®** for 30 minutes at 40-50°C can be used for soaking dirty instruments, petri dishes, test tubes, retorts, cover glass, laboratory glassware;
  - 3% solution of **BACTOSAL®** for 30 minutes at 50-70°C can be used for soaking dirty glass and metal appliances with solid dry impurities.

- **WIPING**  
- 1-2% solution of **BACTOSAL®** for wiping walls and floors.
- **CLEANING OF HAEMODIALYSIS MACHINES**  
- The whole system is filled with a 4% solution of **BACTOSAL®**, heated to 37°C and pumped for 30 minutes to 1 hour. The whole system is then rinsed with deionized water, until negative chloride reaction with indicator KI starch paper.

**Instructions for use**

**BACTOSAL®** is used diluted with water in various concentrations and on various temperatures, depending on type of material, dirt/impurity and pathogen contamination.

Concentration of solution (%)	BACTOSAL® (ml)	WATER (ml)
2	20	Up to 1 l
4	40	
6	60	

Concentration of solution (%)	BACTOSAL® (ml)	WATER (ml)
2	200	Up to 10 l
4	400	
6	600	

**Precaution measures**

**BACTOSAL®** releases toxic gas in contact with acids. Irritates eyes and skin in contact with skin, immediately wash with plenty of water. Do not mix with strong acids, amines and ammonia. Wear protective gloves and glasses during manipulation with this product.

**Storage considerations**

**Keep away from the reach of children!**

Store **BACTOSAL®** in tightly sealed original packaging, in a dry and ventilated place, at temperature from +5° C to +25° C, separately from food and beverages.

**Shelf life**

**6 months.**

**Note:** Do not use **BACTOSAL®** after the expiry date. The expiry date refers to the last day of that month.

**Shelf life after opening**

**3 months.**

**Note:** Keep once opened product **BACTOSAL®** in tightly sealed original packaging, in a dry and ventilated place, at temperature from +5° C to +25° C.

**Packaging**

**BACTOSAL® is packed in:**

- 1000 ml plastic bottle;
- 10 l plastic canister.

**For information regarding safe use, please refer to the SDS.**