

ECOSAL® 10%

Liquid concentrate for cleaning and for disinfection

Composition

100 ml solution contains:
Benzalkonium chloride 10.0 g

Properties and action

ECOSAL® 10% is clear, colourless to pale yellowish liquid.

ECOSAL® 10% is high efficient cation disinfectant which successfully kills Gram-positive and Gram-negative bacteria, fungi, protozoa and some types of viruses. It has prolonged disinfecting effect, for several days if treated surfaces are not washed immediately.

Bactericide - including *Staphylococcus aureus* sensitive to methicillin (MSSA), *Staphylococcus aureus* resistant to methicillin (MRSA), *Pseudomonas aeruginosa*, *Escherichia coli*, *Enterococcus faecalis*;

Fungicide - including *Candida albicans* and *Aspergillus niger*;

Virucide - including HIV, *Influenza virus*, *Herpes simplex*, SARS etc.

ECOSAL® 10% is high quality detergent which cleanses, washes, efficiently removes organic and inorganic residue and neutralizes static electricity.

ECOSAL® 10% is easily dissolved in cold and warm water, and the solution is very stable with neutral to mildly alkaline pH (around 7). It does not erode or damage glass, porcelain, enamel, plastic, wood, leather, coloured objects, textile, rubber, chrome or nickel objects etc.

ECOSAL® 10% does not pollute the environment and is completely biodegradable.

ECOSAL® 10% is approved for use in food industry.

Use

ECOSAL® 10% is used for:

- **Hand disinfection with 1% solution:** Wash hands with soap and rinse thoroughly with water. Soak hands in 1% solution for 5-10 minutes, then leave to dry;
- **Skin disinfection with 1-2% solution:** For removing organic residue from skin; especially with patients before operation by rinsing the site 5 minutes with 1% solution, then covering with 2% solution;
- **In dermatology with 0.1-0.5% solution:** For removal of fat deposits and disinfection during infectious and fungal skin diseases;
- **Disinfection of burns and surface wounds with 0.1-0.5% solution;**

- **Ear and nose disinfection with 1% solution;**
- **Vaginal rinsing with 0.5% solution:** Before various interventions and in some cases of vaginal fluor;
- **Disinfection of bladder with 0.05% solution:** in case of rinsing;
- **Disinfection of bladder with 0.025% solution:** in case the solution is retained in the bladder for a prolonged period;
- **Disinfection of medical instruments with 1% solution:** The instruments are first washed, then boiled for 15-20 minutes in the solution. For sterile storage of instruments use freshly prepared 1% solution in which is added sodium nitrite (5g per liter solution), as a preservative for preventing corrosion;
- **Disinfection of rubber objects with 1% solution:** Rubber objects are first cleaned, washed and then boiled 10 minutes in 1% solution. For sterile storage of rubber objects use freshly prepared 1% solution;
- **Disinfection of textile with 0.5-1.5% solution:** For disinfection of clothes, bedding, cloths, towels, table cloths, etc. by soaking in the solution 4-6 hours before washing. After that wash textile with any cationic detergent without rinsing;
- **Disinfection of equipment with 0.2-5% solution:** Depending on degree of impurity;
- **Preventing algae growth in water with 0.01-0.1% solution:** For hydrotherapy pools, swimming pools and water tanks. Repeat every 5-10 days.

Instructions for use

ECOSAL® 10% is used diluted in water in certain concentrations.

To achieve better disinfectant effect all dirty surfaces should be first cleaned with cleaning agent (not soap) and then rinsed with water. After disinfection they should be washed again with tap water or sterile water.

Utensils and equipment that come into contact with life products should be washed with tap water after performed disinfection.

Disinfection can be carried by:

- SOAKING OR RINSING
(pressure rinsing of apparatuses or appliances with a pump device);
- WIPING OR SPRAYING
(by means of a hand or motor pump).

Solution concentration (%)	ECOSAL® 10% (ml)	WATER (ml)
0.05	10	Up to 2 L
0.1	10	Up to 1 L
0.5	50	
1	100	
2	200	
5	500	

Precaution measures

ECOSAL® 10% must not be used for rinsing pleural or peritoneal body cavity, nor for eye rinsing. This product is not for oral use.

Due to its electrochemical antagonism towards anion soaps and detergents, it must not be used in conjunction with such products.

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

Store **ECOSAL® 10%** in tightly sealed original packaging, in a dry and ventilated place, at temperature from +5°C to +25°C, separately from food and beverages.

The solution is very stable. Stored at room temperature it remains unchanged even after a few years. High and low storage temperatures for a period of several weeks do not affect its activity.

Shelf life

3 - 5 years (depending on packaging type).

Note: Do not use **ECOSAL® 10%** after the expiry date. The expiry date refers to the last day of that month.

Shelf life after opening

1 year.

Note: Keep once opened product **ECOSAL® 10%** in tightly sealed original packaging, in a dry and ventilated place, at temperature from +5°C to +25°C.

Packaging

ECOSAL® 10% is packed in:

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

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