ALKASEPT® 20%
Liquid concentrate for cleaning and for disinfection

Composition

100 ml solution contains:
Cetrimide 20.0 g
Excipients: Ethanol 96%, fragrance and colour.

Properties and action

ALKASEPT® 20% is a clear, yellow-greenish solution with pleasant lemon odour.

ALKASEPT® 20% is cationic detergent with mechanism of action: reduction of surface tension of the cell membrane of microorganisms.
ALKASEPT® 20% has strongly expressed bactericidal and fungicidal effect.

Bactericide - including Staphylococcus aureus, Enterococcus, Pseudomonas aeruginosa (clinical strain), Escherichia coli;
Fungicide - including Candida albicans u Aspergillus niger (clinical strain).

ALKASEPT® 20% cleans, washes, removes organic and inorganic residue efficiently from the skin of people and animals, objects and surfaces and removes unpleasant odors. Easily dissolved in hard, soft, cold and warm water and in alcohol.

ALKASEPT® 20% is incompatible with proteins, iodides and iodine solutions, organic and inorganic bacteriostatic agents containing mercury, potassium permanganate, phenol and cresol. Due to its electrochemical antagonism towards anion soaps and detergents, it must not be used in conjunction with such products.

ALKASEPT® 20% is fully biodegradable in solution concentrations lower than 20 ppm.

ALKASEPT® 20% is approved for use in food industry.

Use

ALKASEPT® 20% is used in:

- HUMAN AND VETERINARY MEDICINE
  ALKASEPT® 20% is recommended for fast disinfection of surfaces and objects from inanimate semi critical hospital environment and for disinfection of objects of critical hospital environment with exposure time of 20 minutes.
  1% water solution or 0.5% alcoholic solution are used for this purposes.
  - In dermatology: for removal of impurities, exudates, scabs and fat from the skin, for treatment of skin diseases, scabies, eczema, impetigo, seborrhea, for prevention of infection of wounds and burns.
TECHNICAL DATA SHEET

- For disinfection of hands and operational area before surgery. To achieve rapid disinfection of hands use alcoholic solution.
- For disinfacting and cleaning instruments, for sterilization and sterile storage of instruments (use freshly prepared solution in which you add 5 g of sodium nitrite per 1 l solution as a preservative to prevent corrosion).
- For cleaning, disinfection and deodorization of hospital vessels, equipment and means of work.
- For cleaning, disinfection and deodorization of facilities, objects and surfaces in healthcare facilities.
- For cleaning, disinfection and deodorization of all kinds of vessels, eating utensils, appliances and equipment for preparation and cold storage of food.

- **LIVESTOCK AND POULTRY FARMING**
  - As a routine prophylactic measure to prevent mastitis, with bactericidal effect that remains on the skin few hours after of application. **0.1 - 0.5% water solution or 0.5% alcoholic solution** is used for washing udders and nipples of sheep and cows before and after milking; for washing and disinfecting hands of milker; for preventing infections of wounds and injuries to the udder and the rest of the skin of animals.
  - **1% water solution** is used for cleaning, washing, disinfection and deodorization of different equipment, appliances and tools (disperse, feeding area, incubators, milking systems, etc.); accommodation facilities for animals and poultry; various surfaces and objects.

- **FOOD INDUSTRY, PRODUCTION AND MARKETING OF FOODSTUFFS**
  - **1% water solution is used for this purposes.**
  - For cleaning, washing, disinfection and deodorization of different equipment, appliances and tools for work, objects and surfaces in the production, processing and trade of animal products (meat, milk, bread and baked goods, fish, fruit and vegetables, alcoholic and soft drinks, etc.).
  - For cleaning, disinfection and deodorization (removal of bad odors) of various storage warehouses for storing foodstuffs, all kinds of coolers, display cabinets, appliances and equipment, as well as refrigerators and cars for transport of foodstuffs.

- **HOSPITALITY AND HOTEL INDUSTRY, PUBLIC HYGIENE AND HOUSEHOLDS**
  - **1% water solution is used for this purposes.**
  - For disinfection of all types of vessels, eating utensils, appliances and equipment for processing of foodstuffs.
  - For cleaning, disinfection and deodorization of all kinds of coolers, refrigerated display cabinets and cold storage transport for foodstuffs.
TECHNICAL DATA SHEET

- For cleaning, disinfection and deodoration of different facilities, surfaces and objects in hotels, restaurants, public facilities, school and pre-school facilities, residential objects, households etc.
- For washing hair in hairdresser salons to mitigate problems with dandruff.
- For cleaning, disinfection and deodoration of utensils, items and surfaces in hairdresser salons.

Instructions for use

ALKASEPT® 20% is used diluted in water and/or ethanol in certain concentrations. Disinfection can be carried out in the following ways:
- by soaking or rinsing (pressure rinsing of apparatuses or appliances with a pump device);
- by wiping or spraying (by means of a hand or motor pump).

<table>
<thead>
<tr>
<th>Concentration of solution (%)</th>
<th>ALKASEPT® 20% (ml)</th>
<th>WATER (ml)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1</td>
<td>5</td>
<td>995</td>
</tr>
<tr>
<td>0.5</td>
<td>25</td>
<td>975</td>
</tr>
<tr>
<td>0.5</td>
<td>25</td>
<td>265, up to 1000 ml with ethanol 96%</td>
</tr>
<tr>
<td>1</td>
<td>50</td>
<td>950</td>
</tr>
</tbody>
</table>

Precaution measures

Harmful if swallowed. Irritates eyes and skin. Local application of prescribed low concentrations of ready to use solutions does not cause skin irritations, is not toxic and does not cause damage and other side effects; but prolonged application may cause hypersensitivity to the active component of some people and animals.

Storage considerations

Keep away from the reach of children!
Store ALKASEPT® 20% in tightly sealed original packaging, in a dry and ventilated place, at temperature from +15º C to +25º C, separately from food and beverages. Low temperatures may cause crystallization of the solution. In case that happens, place the product in original packaging in a bowl with warm water (40-50ºC) and stir periodically until crystals completely dissolve or the entire contents of the original packaging is diluted to the desired concentration.
TECHNICAL DATA SHEET

Shelf life

3 - 5 years (depending on packaging type).

Note: Do not use ALKASEPT® 20% after the expiry date. The expiry date refers to the last day of that month.

Packaging

ALKASEPT® 20% is packed in:
- 1000 ml plastic bottle;
-10 l plastic canister.

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