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## History

Rezarad company was founded by private equity investment in 1992 and began its activity in the field of trading and importing goods. One year later, the company entered the medical equipment market especially disinfectants which used in medical centers (the micro 10 disinfectant solution) and has been active in the field of infection control since then.

## Factory Establishment

With the aim of improving the quality and quantity of disinfectant products, the factory was established in 2000 in a space of more than 5000 m<sup>2</sup> to produce disinfectants in Kaveh industrial city in Saveh . as the first specialized manufacturer of disinfectant products being consumed in medical and health centers, Rezarad began to manufacture under the supervision of the Food and Drug Administration.



## Research and Development department

In 1999, the research and development unit of Rezarad company started working. Controlling the hospital infections requires using of specific detergents manufactured in completely hygienic industrial conditions, to be user friendly, cost-effective and in accordance with global standards. Given these considerations, with the aim of meeting the requirements of the health sector in the field of detergents , in 2001, a new range of the appropriate detergents for the health sector was manufactured which is unique in its kind in Iranian market.

Handwashing liquids, multi-purpose concentrated detergents and skincare softening lotions specialized for personnel consumption under two brands of AQUA SILK and AQUA BLUE are some of the most successful brands of this company. R&D, as the master mind of the company, taking the advantage of experience and knowledge of professional staff, experts and the latest scientific achievements, meanwhile presenting a variety of formulations in line with the company's goals, since 2006 launched the first disinfectant production line for hand and surface disinfectants. The products were marketed under the trade names of the SURFOSEPT range (for disinfecting various surfaces and devices) and the DERMOSEPT range (for disinfecting skin and hands). Thanks to competitive price and acceptable quality compared to similar foreign samples, these products have been welcomed by many medical health centers in the country.

Currently, many health care centers around the country are members of a family includes consumers of the Rezarad products.

The R&D unit constantly takes steps to produce qualified, diverse and market-demanded products. This unit consists of pharmacists, physicians, nurses, chemists and microbiologists.

The R&D unit consists of two parts:

- Formulation Design and Development Section
- Documentation section

## Education and Training Department:

In order to upgrade the awareness and meet the educational needs of medical professionals and all those who are somehow associated with disinfectants and antiseptics, Rezarad Training Unit has officially started its work in 2009 as a pioneer in this field. Using workforces who are professional and experienced in the field of introducing strategies about infection and environmental contamination control and the proper implementation of personal and public health principles, the unit has contributed significantly in modifying the culture of applying disinfectant and antiseptic.

Through holding educational seminars and workshops in most medical centers of the country, the unit has taken effective steps to inform, educate and improve the methods of using disinfectant products and adherence to the principles of prevention of nosocomial infections and environmental pollutions.

## Achieving Certifications and Approvals

In 2014, after 22 years of experience, Rezarad Company sought to establish a quality management system and in 2015 was honored with the following Certificates from US BRS company:

ISO 9001:2015 Quality Management System Standard

ISO 13485:2016 Quality Management System in Medical Equipment Industries

ISO 14001:2015 Environmental Management System

ISO 10002: 2014 Guidelines for handling customer complaints in organizations

ISO 10004:2012 Customer Satisfaction Monitoring & Measurement System

The company also has the certification of Narcotics and Drug Supervision Bureau from Health, Treatment and Medical Education; Department of Medical equipment ; Razi Vaccine and Serum Research Institute; Pasteur Institute of Iran; Faculty of Pharmacy, Tehran University and Khorasan Razavi University of Medical Sciences.



## Quality and customer-centricity policy

Rezarad, starting its endeavor with entrepreneurial motivation, was succeeded for the first time in Iran in importing and producing of hospital disinfectants. The company's specialists have designed the quality and production conditions to compete based on international standards that have been achieved through the use of modern science and technology. The organization has always strived to improve the quality of its products so that it could have a special place in the production of related products alongside the largest manufacturers of these products in the world markets and greatly contribute to the country's independence in the disinfectant industry.

The organization pays special attention to the health of patients as well as to earn the satisfaction of the medical community, during the establishing and implementing quality and environmental management systems according to ISO9001:2015 and ISO14001:2015, it has focused on expanding the factory and meeting the needs of hospitals and other consumers of its products as well as product diversification and moving toward meeting future medical needs.

The senior management of the organization uses all its efforts to convey the overall vision of the organization to the personnel in order to improve and maintain the effectiveness of the quality management system in the organization. It also expands sympathy and the spirit of collaboration in the organization in line with customer satisfaction and health, and expects all staff to do their utmost for executing this policy.





# Hand & Skin Disinfection

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## DERMOSEPT+

**An alcoholic disinfectant for hygienic disinfection of hands and surgical scrub.**

**Application:** Dermosept is an effective antiseptic and fast-acting solution for removing of pathogenic microorganisms on hands and is used for hygienic disinfecting of hands and surgical scrub.

### Advantages

- Effective on a wide range of bacteria, fungi and viruses
- Contains skin conditioner and emollient
- Minimum skin dryness and dermatitis due to frequent uses
- Pleasant smell
- With stable antimicrobial effect

### Method of using

#### Hand hygienic disinfection

Pump 2 to 3 cc of the solution in the palm of your hand then rub both hands together so that between fingers, back and palm of hands up to the wrist are smeared with the solution. Allow the solution to dry on the hands skin during rubbing for 30 seconds.

#### Surgical scrub

Disinfect your hands and forearms in three steps. In each step, smear your hands with 6 ml of the solution and rub for 1 minute, Cumulatively. Repeat this cycle again. Avoid hand rinsing after using Dermosept solution.

### Ingredients

ethanol, isopropanol, benzalkonium chloride, n-propanol, glycerin, dimethicone and other authorized excipients.

### Efficacy

Gram-positive and negative bacteria, fungi, mycobacteria, viruses such as HCV, HBV, HIV, H1N1

### Handling and storage

- Store at +5 to +35 °C
- It is a flammable solution. Keep away from sunlight and heat sources.

### Warnings

- Avoid inhaling and swallowing the solution.
- Always keep the lid closed.
- Only for external use and on healthy skin.
- Keep away from children.
- Avoid spraying on flames

### Certifications

Certified and registered with the Ministry of Health & Medical Education, narcotic and Drug Supervision Bureau. Certified by Tehran University of Medical Sciences for causing no allergenic effect. Tested in accordance with European Standard EN1275, EN1276, EN1500, EN12791

### Expiry date

3 years after production and if it was opened, could be lasted for 6 months after that.

<b>Packing</b>	Bottle of 100 ml
	half-liter
	one liter with pump lid
	5-liter gallon



## DERMOSEPT GEL

### Alcoholic antiseptic gel for hygienic hand disinfection

**Application:** Dermosept Gel is a fast-acting antiseptic to eliminate pathogenic microorganisms on the skin of the hand and is used for hygienic hand disinfection.

#### Advantages

- Fast-Acting (effective in 30 seconds)
- Effective on a wide range of bacteria, fungi and viruses
- Contains skin conditioner and emollient
- Minimum skin dryness and dermatitis due to frequent use
- Pleasant smell
- Stable antimicrobial effect

#### Method of using

Pump 2 to 3 cc of the solution in the palm of your hand then rub both hands together so that between fingers, back and palm of hands up to the wrist are smeared with the solution. Allow the solution to dry on the hands skin during rubbing for 30 seconds.

#### Ingredients

ethanol, glycerin, isopropanol, Benzalkonium chloride, skin softening & repairing agents, aloe vera extract, permitted additives.

#### Efficacy

Gram-positive and gram-negative bacteria, fungi, mycobacteria, HCV, HBV, HIV, H1N1 viruses.

#### Handling and storage

- Store at +5 to +35 °C
- It is a flammable solution. Keep away from sunlight and heat sources.

#### Warnings

- Avoid inhaling and swallowing the solution.
- Always keep the lid closed.
- Only for external use and on healthy skin.
- Keep away from children.
- Avoid spraying on flames

#### Certifications

Certified and registered with the Ministry of Health & Medical Education, narcotic and Drug Supervision Bureau. Certified by Tehran University of Medical Sciences for causing no allergenic effect. Tested in accordance with European Standard EN1276, EN1500

#### Expiry date

3 years after production and if it was opened, could be lasted for 6 months after that.

<b>Packing</b>	Bottle of 100 ml
	half-liter
	one liter with pump lid
	5-liter gallon



## DERMOSEPT INJ

### Alcoholic antiseptic solution for injection site and skin prep

**Application:** Alcoholic spray for disinfecting the skin of injection site. Injection is one of the common methods of drug administration. Disrespecting the principles of skin preparation before injections can lead to an increased risk of the recipient blood infections and soft tissue. For this reason, it is recommended to use the special skin disinfectant compounds before injection.

#### Advantages

- Easy to use and affordable
- Compatible with skin and without allergic effects
- In compliance with European standards EN1276 and EN1275
- Used for prep before small surgeries, Lumbar puncture and epidural anesthesia injection

#### Method of using

Spray the solution on the injection site or take a clean cotton piece and pump the solution over it to be smeared. Then rub the injection site. Wait 30 seconds to dry, then do the injection.

#### Ingredients

ethanol, 0.5% chlorhexidine gluconate, glycerin, aloe vera extract, skin anti-inflammatory compounds.

#### Efficacy

Effective on a wide range of bacteria, mycobacteria (TbB,...), fungi and viruses (HBV, HCV, HIV, H1N1,...)

#### Handling and storage

- Store in a dry environment at +5 to +35 °C
- It is a flammable solution. Keep away from heat sources.

#### Warnings

- If it accidentally was swallowed, refer to doctor.
- Keep the lid closed.
- Only be consumed for external use and on healthy skin.
- keep away from children access
- Avoid spraying on flame and heat sources.

#### Certifications

Confirmed and registered with the Ministry of Health & Medical Education, Bureau of Narcotic and Drug Supervision. Certification of no creating skin allergy from Tehran University of Medical Sciences, Tested in accordance to European Standard EN1275, EN1276

<b>Packing</b>	250 ml bottle with spray
	half-liter



## DERMOSEPT P+

### Specified Solution for surgical prep based on Isopropyl Alcohol and Chlorhexidine 2%

**Application:** Skin disinfectant solution, suitable for preparation of skin in surgery spot. Surgery is one type of invasive treatment. Failure to adhere to the principles of skin preparation prior to surgery can increase the risk of wound infection. In this regard, using alcohol-based antiseptics, specially prepared for surgical skin disinfection, are recommended according to the CDC (US Centers for Disease Control) guidelines prior to surgery.

### Advantages

- Easy to use and affordable
- Compatible with skin and without allergic effects
- In compliance with European standards EN1276 & EN1275
- Has chemical composition recommended by CDC

### Method of using

First, clean the skin of obvious external contamination. Then soak the surface with the solution and rub for at least 60 seconds according to the standard method. Allow at least 3 minutes to dry thoroughly. Make sure the solution does not spill over the surrounding area of surgery spot.

### Ingredients

isopropyl alcohol 70%, chlorhexidine gluconate 2%, anti-inflammatory compounds

### Efficacy

Effective on a wide range of bacteria, mycobacteria (TbB,...), fungi and viruses (HBV, HCV, HIV, H1N1,...)

### Handling and storage

- Store in a dry environment at +5 to +35 °C.
- It is a flammable solution. Keep away from heat sources.

### Warnings

- Strictly avoid contact with the cornea, meninges, & middle ear.
- Do not use for children less than two months old due to absorption and skin allergies.
- Do not use in patients who have allergy to chlorhexidine or isopropyl alcohol.
- Do not use for spinal surgery or lumbar puncture.
- Do not use for open sores or as regular detergent.
- Before using an electric cutter or electronic devices on the operation site, completely dry them.
- Be careful not to spill the solution around the operation site.
- Only for external use and on healthy skin.
- Avoid spraying it on the flame.

- If it accidentally was swallowed, refer to doctor.
- Keep out of reach of children.
- Keep the lid closed.

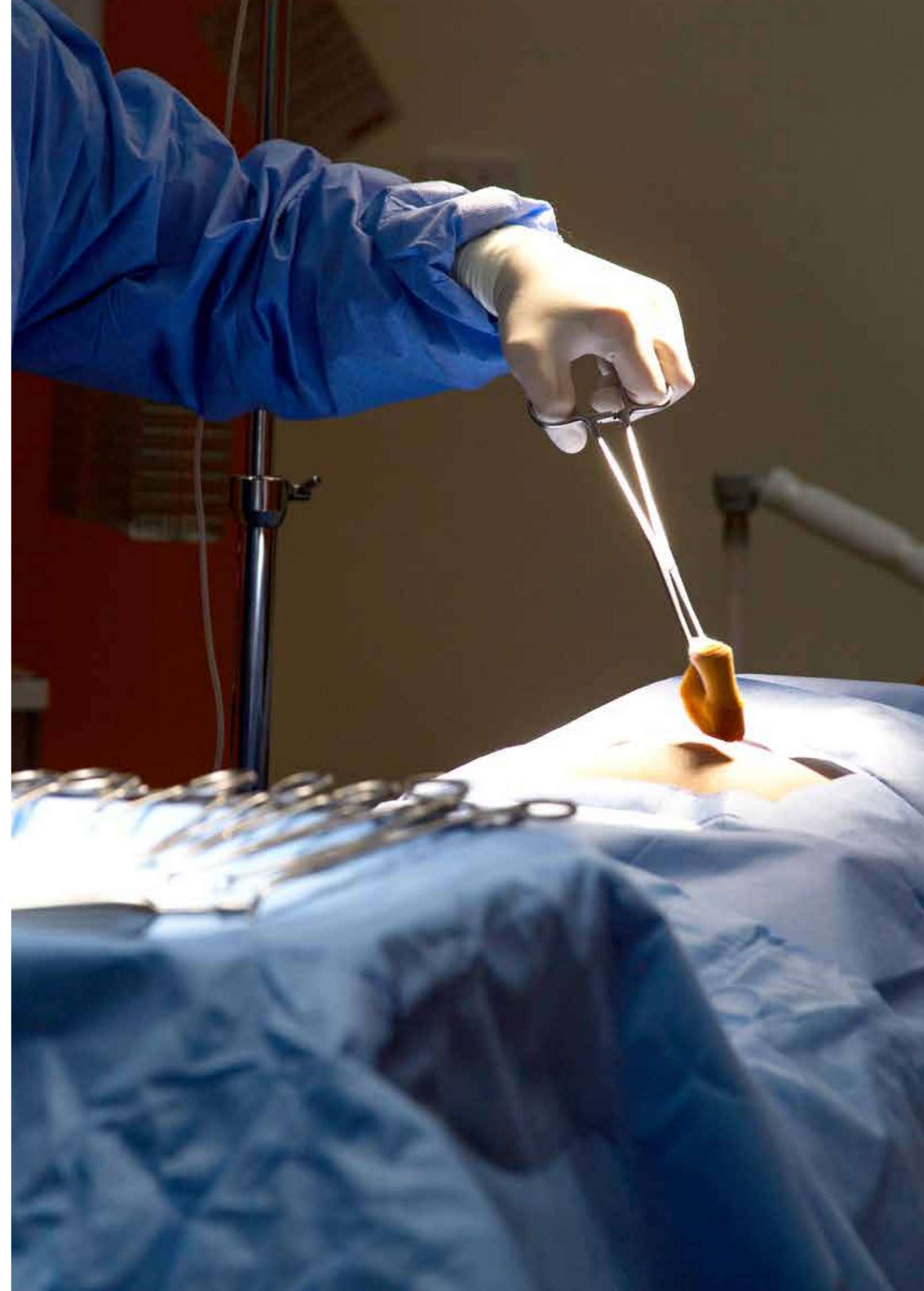
### Certifications

Certified and registered with the Ministry of Health and Medical Education , narcotic and Drug Supervision Bureau. Certified by Tehran University of Medical Sciences for no allergenic effect ,Tested in accordance with European Standard EN1275,EN1276

### Expiry date

2 years after production and if it was opened, could be lasted for 6 months after that.

Packing	100 ml bottle
	half-liter





# Cleaning Skin & wound

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## DERMOSEPT HP

### Alcoholic antiseptic solution for injection site and skin prep

**Application:** Alcoholic spray for disinfecting the skin of injection site, Injection is one of the common methods of drug administration.

#### Advantages

- Safe for use on wounds
- Confirmed by the World Health Organization as a basic antiseptic
- No environmental hazard

#### Method of using

Spray the solution on the injection site or take a clean cotton piece and pump the solution over it to be smeared. Then rub the injection site. Wait 30 seconds to dry, then do the injection.

#### Ingredients

hydrogen peroxide 3%, stabilizers and other authorized additives

#### Efficacy

Growing form of bacteria (gram-positive, gram-negative), fungi, covered viruses. Consult a physician or wound specialist about skin infections, chronic wounds, diabetic, vascular, and large wounds, depending on the conditions.

#### Handling and storage

- Store in normal ambient temperature at +5 to +25 °C and away from direct light and heat.
- Don't use if its container has been ruined or its door remains open for some time.

#### Warnings

- wear personal protective equipment such as thick gloves, masks, gowns and shields when using
- In the case of casual and accidental contact with skin, wash with plenty of water
- In case of eye contact, wash off with plenty of water and ask for medical advice
- If swallowed, dilute it by drinking water and seek medical help immediately
- Keep away from children access

#### Certifications

Confirmed by Food and Drug Administration (Ministry of Health) and Faculty of Pharmacy (Tehran University of Medical Sciences)

Packing	half-liter
	one-liter
	4 liter bottles



## DERMOSEPT BW

### antiseptic foam for cleaning and decolonization of skin - no need to rinse

**Application:** Chlorhexidine-based antibacterial foam specifically for washing, cleansing and disinfecting the skin as well as bathing patients in bed to decrease microbial load and decolonize microorganisms from skin with no need to rinsing. Since intensive care units (ICU, ...) are highly risky in terms of nosocomial infections, so using of the DERMOSEPT BW foam for disinfecting and cleansing skin and body of patients admitted in these units who are susceptible to nosocomial infections can prevent and dramatically reduce nosocomial infections.

#### Advantages

- Compatible with skin and without allergic effects
- Effective in preventing bedsores
- Suitable for ICU patients
- In compliance with European Standards EN1276 & EN1275
- With durable effect on normal skin flora
- Ready to use and affordable

#### Method of using

Firstly, apply the foam on a soft cleaning fabric or very fine sponge. And gently cleanse the patient's skin, especially in the body folds and contaminated and colonized areas (such as the armpit and groin). No need to rinse. After finishing the work, the locality should be cleansed with a towel or clean wet wipe. treat patient's body from neck to down once or twice in a week.

**Note:** In the case of using DERMOSEPT BW for the wound cleansing, afterward, wash the wound location with normal saline.

#### Ingredients

2% chlorhexidine gluconate, glycerin, skin conditioner, deionized water and authorized additives

#### Efficacy

Gram-positive and gram-negative bacteria, fungi, HIV, HCV, HBV, H1V1 viruses

#### Handling and storage

- Store in a dry environment at +5 to +35 °C
- Don't be exposed to flame and direct sunlight or heat

#### Warnings

- Avoid contact with the cornea, meninges, and middle ear
- In the case of accidentally swallowing, refer to a doctor
- Keep away from children access

#### Certifications

Confirming certification from the General Office of Narcotic and Drug Evaluation Supervision, Ministry of Health and Medical Education Faculty of Pharmacy, University of Medical Sciences of Tehran Tested in accordance to European Standard EN1275, EN1276

#### Expiry date

2 years after production

Packing	200 ml bottle
	half-liter



## DERMOSEPT W

### Antibacterial skin cleansing solution, based on 4% chlorhexidine

**Application:** Patients' body washing solution for bathing before surgery to reduce surgical wound infections as well as hand scrubbing for surgeons by hand washing method. Surgery is one type of invasive treatment. Failure to adhere to the principles of skin and hand preparation for surgeons and operating room personnel prior to surgery can increase the risk of wound infection. In this regard, using special antiseptic compounds for washing and scrubbing skin and hands, are recommended prior to surgery.

#### Advantages

- Compatible with skin and mostly without allergic effects
- In compliance with European Standards EN1276 & EN1275
- Affects on a wide range of bacteria, fungi and covered viruses
- Has a lasting effect on normal skin flora for more than 3 hours
- Ready to use

#### Method of using

##### As an antibacterial detergent for body washing

Pour some of the solution (about 25 ml) onto a soft sponge, make a good foam, and scrub all the body surfaces from neck to down for 3 to 4 minutes, then rinse. Avoid using rough sponges.

##### For scrubbing the surgeons' hand by "the washing method"

Using the standard procedure for "surgical hand washing" according to WHO, scrub your hands for 3 to 5 minutes and rinse with hygienic water.

#### Ingredients

4% chlorhexidine gluconate, ethanol, non-ionic detergent, skin softener, deionized water and permitted additives.

#### Efficacy

Gram-positive and gram-negative bacteria, fungi, viruses as HCV, HBV, H1V1, HIV

#### Handling and storage

- Store in a dry environment at +5 to +35 °C.
- Do not keep it near heat and sunlight.
- Keep the lid closed.

#### Warnings

- Avoid contact with the cornea, meninges, and middle ear.
- In the case of accidentally swallowing, refer to a doctor
- Only for external use and on healthy skin.
- Keep out of reach of children.

#### Certifications

Certified and registered with the Ministry of Health and Medical Education, narcotics and Drug Supervision Bureau. Certification from Tehran University of Medical Sciences. Tested in accordance with European Standard EN1275, EN1276

#### Expiry date

2 years after production

Packing	100 ml bottle
	half-liter





## Skin Care

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### Aqua Silk Soap

#### Creamy and moisturizer handwashing soap specialized for health care personnel

**Application:** AquaSilk Soap is a mild handwashing liquid which contains creamy materials and emollients and is suitable for hand washing of health care personnel. This liquid soap has higher protective content than ordinary liquid soaps. One way to maintain your hands in health care centers hygienic is to use liquid soap frequently. But the use of general liquid soaps removes a large amount of fat from the surface of the skin, resulting in dry skin, which is one of the main problems for health care personnel. Therefore, it is recommended to use AQUA SILK creamy soap instead of the general soaps.

#### Advantages

- Suitable for frequent hand washing because it doesn't remove the fatty layer of hand skin;
- Mild
- No allergens and stimulants;
- Without itching and dermatitis even on sensitive skin;
- Contains emollients and moisturizing ingredients;
- With no synthetic dyes.

#### Method of using

Use AQUA SILK soap for hygienic hand washing at the start of any clinical operation or whenever there is visible contamination on the hands. Firstly, use water and wet your hands. Then pour 3 ml of the AQUA SILK solution on it and rub for 40 to 60 seconds. Finally rinse with water.

#### Ingredients

ewater, sodium lauryl ether sulfate, cocamido propyl betaine, coconate fatty acid, glycerin, vitamin dexpantol, aloe vera extract, methyl iso thiazoline, essential oils and allowed additives.

#### Handling and storage

- Keep in a dry environment away from sun
- Store at temperatures between +5 and +35 °C

#### Warnings

- In the case of eye contact, wash off with plenty of water
- If swallowed, refer to a doctor

#### Certifications

Arak Food and Drug Administration NO. 10698/13

#### Expiration date

2 years after production

Packing	
	4-liter gallon





## Aqua Silk Foam

### Emollient & moisturizing hand cream specialized for health care workers consumption

**Application:** An emollient and moisturizing cream with a special formulation for maintaining personnel skin healthy. Regarding the requirements of hand hygiene in medical centers and the increasing use of detergents and hand sanitizers by personnel which leads to the development of skin complications such as dermatitis and dryness, in line with WHO recommendations for maintaining health and preventing skin injuries, all health care personnel should use emollient creams. For this purpose, it is recommended to use AQUASILK cream, which has a special formula for use in medical centers.

#### Advantages

- Very low consumption
- Skin softener and moisturizer
- Restores injured skin

#### Method of using

The best time to use AQUASILK cream is after washing with soap and water; but using it at intervals of alcohol rubbing, helps a lot to the skin health. 0.5 cc is sufficient for every utilizing. Distribute the cream on all parts of the hand and continue to rub until it is completely absorbed.

#### Ingredients

propylene glycol, glycerin, urea, dimethicone, triethanolamine, almond oil, authorized preservative for cosmetics and other authorized additives

#### Handling and storage

- Store in a dry environment
- Keep away from heat
- Don't be exposed to sunlight
- Store at +5 to +30 °C

#### Manufacturing License Number

Food and Drug Administration: 11871/13

#### Expiration date

2 years after production

Packing	Half-liter bottle with a pump
	200 ml bottle



## Aqua Silk Cream

### Emollient & moisturizing hand cream specialized for health care workers consumption

**Application:** An emollient and moisturizing cream with a special formulation for maintaining personnel skin healthy. Regarding the requirements of hand hygiene in medical centers and the increasing use of detergents and hand sanitizers by personnel which leads to the development of skin complications such as dermatitis and dryness, in line with WHO recommendations for maintaining health and preventing skin injuries, all health care personnel should use emollient creams. For this purpose, it is recommended to use AQUASILK cream, which has a special formula for use in medical centers.

#### Advantages

- Very low consumption
- Skin softener and moisturizer
- Restores injured skin

#### Method of using

The best time to use AQUASILK cream is after washing with soap and water; but using it at intervals of alcohol rubbing, helps a lot to the skin health. 0.5 cc is sufficient for every utilizing. Distribute the cream on all parts of the hand and continue to rub until it is completely absorbed.

#### Ingredients

propylene glycol, glycerin, urea, dimethicone, triethanolamine, almond oil, authorized preservative for cosmetics and other authorized additives

#### Handling and storage

- Store in a dry environment
- Keep away from heat
- Don't be exposed to sunlight
- Store at +5 to +30 °C

#### Manufacturing License Number

Food and Drug Administration: 11871/13

#### Expiration date

2 years after production

Packing	Half-liter bottle with a pump
	100 ml bottle





# Solutions for Surfaces

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## SURFOSEPT QUICK +

### Efficacious Ready to Use Alcoholic Disinfectant Spray for Medical and Dental Surfaces

**Application:** SURFOSEPT QUICK + is an alcohol-based ready-to-use disinfectant solution for rapid disinfection of small setting surfaces and medical equipment requiring rapid and strong disinfection such as surfaces which are in contact with patients e.g. patient beds, dental units, surfaces of medical equipments in clinics and laboratories, metallic surfaces of medical diagnostic tools such as otoscopes, handle of laryngoscope and nursing station surfaces.

#### Advantages

- Ready to use
- Fast-Active (effective in 30 seconds)
- Mild and pleasant odor
- None corrosive
- Has a stable antimicrobial effect

#### Method of using

##### Direct spray method

The solution is ready to use and dilution is not required. Clean the surface from visible contaminants (blood, saliva and body secretions, etc.). Then spray the solution on it and wipe the surface with a clean cloth. After 30 seconds, the surface will be disinfected.

##### The method of wiping a cloth which smeared with the solution

clean the surface from visible contaminants (blood, saliva and body secretions, etc.). Then spray the SURFOSEPT QUICK+ onto a clean cloth and wipe the surface. After 30 seconds the surface will be disinfected.

**Note:** This product is not suitable for alcohol-sensitive surfaces such as Plexiglass.

#### Ingredients

isopropanol, DDAC, ethanol, authorized additives and deionized water.

#### Efficacy

bacteria, fungi, effective on HIV, HBV, HCV, H1N1 viruses in 30 seconds and Mycobacterium tuberculosis (TbB) within 1 minute.

#### Handling and storage

- It is a flammable solution. Keep away from light and heat sources
- Store in a dry environment at +5 to +35 °C.
- Avoid mixing solution with other chemicals.
- Store in closed containers in standard conditions.

#### Warnings

- The solution is not compatible with Plexiglass surfaces
- Strictly avoid spraying it on a flame
- Avoid contacting with eyes and swallowing
- Avoid spraying on electric and electronic devices
- If swallowed, don't provoke the person to vomit. Request medical consultation.

#### Certifications

Certified and registered with the Ministry of Health and Medical Education, narcotic and Drug Supervision Bureau. Confirmed by Tehran University of Medical Sciences Tested in accordance with European Standard EN1275, EN1276, EN1040

#### Expiration date

3 years after the production date; six months after opening the door.

Packing	500 ml containers with a spray pump
	750 ml containers with a spray pump
	4 liter gallons



## SURFOSEPT I

**Disinfectant and detergent concentrate solution, suitable for washing the surfaces with water rinsing afterward.**

**Application:** Suitable for disinfection of surfaces that can be washed with water. Due to the moisture in the environment and the creation of biofilms and developing bacterial resistance, these surfaces should be washed and disinfected simultaneously. Some examples of the mentioned surfaces are kitchen surfaces, maternity rooms, floor and walls of emergency departments, patients' bathroom and sanitary facilities, scrub and dishwasher sinks, staff sanitary facilities.

### Advantages

- A pleasant smell
- Simultaneous washing and disinfection
- No annoying odors and vapors
- Has some compounds that treat water hardness and, as a result, increase the effect of the active ingredient.
- The diluted clean solution has a shelf life of up to 7 days
- Has a stable antimicrobial effect
- Cost-effective (one liter of concentrate solution = 100 liters of ready-to-use solution)

### Method of using

To prepare one liter of ready to use solution, dilute the concentrate to 1% (dissolve 10 ml of the solution in 990 ml of tap water). Apply it to the surface and wipe it with a brush or plastic sweep on the surface to create a foam. Wait for 5 to 10 minutes for the disinfectant to affect. Then rinse the area.

### Ingredients

amphoteric germicide, benzalkonium chloride, didecyl dimethyl ammonium chloride, non-ionic detergent, EDTA and deionized water.

### Efficacy

Gram-positive and gram-negative bacteria, fungi, effective on HIV, HBV, HCV, H1N1 viruses in 5 minutes and Mycobacterium tuberculosis (TbB) in 10 minutes).

### Handling and storage

- Store at +5 to +35 °C.
- Avoid mixing solution with other chemicals
- Store in closed containers in standard conditions.

### Warnings

- Avoid contact with eyes and swallowing.
- Wash off with plenty of water in the case of eye contact
- If swallowed, don't provoke the person to vomit. Request medical consultation.

### Certifications

Certified and registered with the Office of narcotic and Drug Supervision Bureau of the Ministry of Health and Medical Education; Department of Medical Devices; Razi Institute; Pasteur Institute; Faculty of Pharmacy University of Tehran; Khorasan Razavi University of Medical Sciences. Tested in accordance with European Standard EN1040.

### Expiration date

Preserves its properties in concentrated and unused state for 3 years after production and in diluted state for 7 days.

Packing	100 ml
	1 liter
	4 liters

## SURFOSEPT II

**Concentrated disinfectant solution for non-washable surfaces in the surroundings**

**Application:** A disinfectant concentrated solution, appropriate for cleaning the floor and large environmental surfaces, such as the surfaces of critical care wards and surgery rooms as well as the surfaces of medical equipment, furniture and devices, no rinsing required. This product contains compounds that reduce water hardness. So it is effective and usable in every type of water with any degree of hardness.

### Advantages

- Has simultaneous disinfecting and cleaning effect
- The diluted clean solution has a use life of 7 days
- Low foam and effective in hard water
- Effective on a wide range of bacteria, fungi and viruses
- No pestering vapors
- persistent antibacterial effect
- Cost-effective (one liter of the concentrate solution = 100 liters of ready-to-use solution)

### Method of using

Dilute the solution to a concentration of 1% (dissolve 10 ml of the solution in 990 ml of tap water). Mop the floor and surfaces up with the solution. Wait for 5 to 10 minutes for the surface to be disinfected. For smaller surfaces, you can spray the diluted solution (1%) directly onto the surface or on a clean cloth then wipe the surface.

### Ingredients

amphoteric germicide composition, benzalkonium chloride, didecyl dimethyl ammonium chloride, EDTA, deionized water.

### Efficacy

Gram-positive and gram-negative bacteria, fungi, effective on HIV, HBV, HCV, H1N1 viruses in 5 minutes and Mycobacterium tuberculosis (TbB) in 10 minutes.

### Handling and storage

- Store at +5 to +35 °C
- Avoid mixing solution with other chemicals.
- Store in closed containers in standard conditions

### Warnings

- Avoid contact with eyes and swallowing
- Wash off with plenty of water in the case of eye contact
- If swallowed, don't provoke the person to vomit. Request medical consultation.

### Certifications

Certified and registered with the Office of narcotic and Drug Supervision of the Ministry of Health and Medical Education; Department of Medical Devices; Razi Institute; Pasteur Institute; Faculty of Pharmacy, University of Tehran; Khorasan Razavi University of Medical Sciences. Tested in accordance with European Standard EN1040.

### Expiration date

Preserves its properties in concentrated and unused state for 3 years after production and in diluted state for 7 days.

Packing	250 ml
	1 liter
	4 liters



## SURFOSEPT FOAM

### Ready to use foam spray for surface cleaning and disinfecting.

**Application:** SURFOSEPT foam spray can be used to disinfect alcohol-sensitive surfaces such as medical equipment surfaces, infant incubators, sonography monitors and probes, and general surfaces (furniture and devices). It is also suitable for routine cleaning and disinfecting of surfaces that have grooves and pores.

### Advantages

- Compatible with various alcohol-sensitive surfaces
- No stain on the surface
- Simultaneous cleaning and disinfection
- User-friendly, Ready to use
- Pleasant and gentle aroma
- Suitable for equipment comprising "display screen"

### Method of using

The product is ready to use. Spray it on the desired surface and clean the surface with a clean towel. After 2 minutes the surface is safe and ready to apply.

### Ingredients

Based on alkylamines, nonionic detergents

### Efficacy

Gram-positive and gram-negative bacteria, fungi, effective on enveloped viruses, with a contact time of 2 minutes (Tests according to European standard EN1040, EN1275, EN1276)

### Handling and storage

- Store at +5 to +35 °C.
- Avoid mixing solution with other chemicals
- Store in closed containers in standard conditions.

### Warnings

- Wash off with plenty of water in the case of eye contact
- If swallowed, don't provoke the person to vomit. Request medical consultation.

### Certifications

Confirmed by Food and Drug Administration Ministry of Health and Faculty of Pharmacy, Tehran University of Medical Sciences.

### Expiration date

2 years after production.

Packing	Bottles of 500 ml
	750 ml
	4 liters





# INSTRUMENT

www.rezarad.com



## SURFOSEPT INSTRUMENT

**Intermediate-level disinfectant and cleansing concentrated solution for medical and dental instruments**

**Application:** Intermediate level disinfectant concentrated solution suitable for medical, surgical, anesthetic, dental and laboratory instruments by immersing in ultrasonic bath or manually clining. No corrosive effect.

### Advantages

- 7 days use life
- Has simultaneous disinfectant and cleaning effect
- Suitable for medical and dental instruments as well as autoclavable laboratory devices
- No acidic vapors to hurt the respiratory system
- Contains anti-corrosive materials to protect against corrosion
- Applicable in ultrasonic cleaner machines

### Method of using

Wear suitable gloves before use. Prepare the SURFOSEPT INSTRUMENT solution at the following recommended concentrations. Immerse and brush tools considering the concentration and contact time in solution. After the end of the immersion time, rinse the tools with running water.  
 At **2%** dilution for **15 minutes** contact time  
 At **1%** dilution for **30 minutes** contact time  
 At **0.5%** dilution for **60 minutes** contact time

### Ingredients

amphoteric microbicidal compound, didecyl dimethyl ammonium chloride, Benzalkonium chloride, Fatty acid ethoxylate, EDTA, deionized water.

### Efficacy

Gram-positive and gram-negative bacteria, Mycobacteria, fungi, enveloped viruses (HIV, HBV, HCV)

### Handling and storage

- Store at +5 to +35 °C
- Avoid mixing solution with other chemicals
- Store in closed containers in standard conditions.

### Warnings

- Avoid contact with eyes and swallowing
- Wash off with plenty of water in the case of contact with eyes
- If swallowed, don't provoke the person to vomit. Request a medical consultation.

### Certifications

Certified and registered with the Ministry of Health and Medical Education, narcotic and Drug Supervision Bureau. Certified as non-corrosive material by Razi Institute of Metallurgy, Microbial Evaluation on Mycobacterium by Razi institute, Tested in accordance with European Standards EN1040

### Expiration date

In concentrated and unused state: 3 years after production and in diluted state if stored in container with lid in accordance to the instructions: up to 7 days

Packing	250 ml
	one liter
	4 liters



## Surfoxan

### High level disinfectant, ready to use for surfaces and tools, based on 6% Hydrogen peroxide

**Application:** High-level disinfectant for disinfection of semi-critical devices such as laryngoscope blades and respiratory aids, surfaces (in the case of resistant bacterial contamination such as fungal spores and nonenveloped viruses such as HPV), and bedsheets in the laundry section.

#### Advantages

- Effective on a wide range of bacteria, fungi and viruses and spores of bacteria
- nature friendly
- No stains on the surfaces
- No smell and irritating vapors
- Gentle and pleasant aroma
- Suitable and recommended for disinfecting sheets in laundry compatibility with materials

#### Method of using

The product is ready to use. After washing with a suitable detergent, immerse the desired tools and equipment in the solution for 15 minutes. After that, rinse them with sterile water or sanitary water and wait to be dried. Not rinsing may cause tissue burnings.

For surface disinfecting, smear the desired surface with the solution and wipe them.

#### Ingredients

6% hydrogen peroxide, stabilizers and other authorized additives

#### Efficacy

Growing bacteria (gram-positive, gram-negative), spores, mycobacterium, fungi and all viruses (enveloped or nonenveloped)

#### Handling and storage

- Store in normal ambient temperature at 5 to 25 °C and avoid direct light, heat and flame.

#### Warnings

- Personal protective equipment such as thick gloves, masks, gowns and shields are required.
- Wash off thoroughly with water in case of skin contact with excessive amount of product.
- Wash off with plenty of water in case of contact with eyes. Request medical consultation.
- Get medical help immediately if swallowed.

#### Certifications

Approved by Food and Drug Administration Ministry of Health and Faculty of Pharmacy, Tehran University of Medical Sciences.

#### Expiration date

2 years after the date of manufacture.

Packing	500 ml
	one liter
	4 liters





# Public Cleaners

www.rezarad.com



## MY LIFE

**Concentrate strong detergent solution for washing and cleansing surfaces contaminated with organic materials**

**Application:** Cleansing the surfaces smeared with blood and secretions after removing blood. General cleaning of floor surfaces, walls, furniture, glass etc. Washing and cleansing of fats and organic contamination on very dirty surfaces such as kitchen hoods

### Advantages

- Has high stain removing power
- Concentrated with affordable price
- With pleasant odor
- No corrosive and discoloring effect

### Method of using

For general cleaning, dissolve 10 to 20 cc of the concentrate solution in one liter of tap water. Then spray it on desired surfaces and clean them. You can also spray the solution on clean napkins and then wipe the surfaces.

To wash very dirty surfaces, dissolve 50 to 100 ml of the solution in one liter of preferably warm water and pour over the surface. Wait a few minutes for the impurities to be softened and loosened. Then clean the surface. After that, rinse the surface or wipe with a clean cloth.

### Ingredients

sulfonic acid, sodium lauryl ether sulfate, diethanolamin, etc.

### Efficacy

removing fats, proteins and organic residues

### Handling and storage

- Store at +5 to +35 °C
- Avoid mixing solution with other chemicals
- Store in closed containers in standard conditions.

### Warnings

- Avoid contact with eyes and swallowing.
- Seek medical attention immediately after ingestion.
- wear gloves when applying.

### Certifications

Confirmed by Arak Food and Drug Administration

### Expiration date

3 years in the concentrated and unused state

Packing	Half-liter bottle
	4-liter gallon

