

German Company



ACTO® Pharma
Cosmetic
Disinfection
Wound Care
Food Supplement
Active Chemical Technology Organisation

Antiseptic & Disinfectant Product Group



Content



- ▶ **04**
About Us
- ▶ **05**
Our Vision
- ▶ **06**
Global Insurance
- ▶ **07**
Private Label- OEM Production
- ▶ **08**
Hand and Skin Antiseptics
- ▶ **10**
Hand and Skin Cleaning
- ▶ **12**
Floor & Surface Disinfectants
- ▶ **14**
Alcohol Based Rapid Surface Disinfectants
- ▶ **17**
Non-Alcohol Rapid Surface Disinfectants
- ▶ **19**
Hydrogen Peroxide Base Surface Disinfectants
- ▶ **20**
Endoscope and Medical Device Disinfectants
- ▶ **26**
Endoscope and Medical Device Cleaning and Care Products
- ▶ **30**
Dental Area Products
- ▶ **32**
Automatic Washing and Disinfection Machine Products
- ▶ **35**
Hemodialysis Device Disinfection Products
- ▶ **37**
Dispenser & Disinfection Bath
- ▶ **39**
Dosage Aids
- ▶ **40**
Our Certificates
- ▶ **42-43**
Disinfection Product Category List

About Us



ACTO® GmbH was founded in Braunschweig, Germany in 1990. As of today, our headquarter and the factory is located in Wietzen-Holte, Germany, and other branches in Braunschweig, Bavaria, and Baden-Württemberg in Germany, an office and factory in Istanbul, Turkey, and an office in New Delhi, India.

ACTO® is specialized in manufacturing, sales, and marketing of hygiene, disinfection, wound care, personal care, industrial cleaning, food supplements, cosmetics, veterinary products, and agriculture & livestock fertilizers.

ACTO® products are manufactured in compliance and according to international regulations, **Cosmetic Product Regulations, Biocidal Products Regulations (BPR, Regulations (EU) 528/2012), 93/42 / EEC Medical Device Regulations** and international standards, **Good Manufacturing Practices, ISO 13485: 2016, and ISO 9001: 2015.**

ACTO® consists of several departments.

- **ACTO®**, thanks to its dynamic **R&D Department**, constantly adds new products to its product portfolio and thus increases its share in the market. Our **R&D Department**

has achieved a significant sales ratio in the current market by developing rapid surface disinfectants, which do not contain any alcohol.

- **The Production Department**, where a professional team carries out the production of high-quality products.

- **In Quality Control & Quality Assurance Departments**, our professional staff inspects the products and ensures the goods are delivered in perfect condition and quality. In the R&D department, the new products are developed, while the existing ones are being improved in accordance with customer demands.

- Our **Graphics Department** designs enable us to provide specially designed labels for our products according to the details and language of the target market.

- **The Sales and Marketing Department**, where these products are marketed, sold and exported to different countries in the Middle East, Europe, Asia, Africa, and Latin America. At present, **ACTO®** is exporting to more than 50 countries worldwide.

Our Vision

To meet customer demands and expectations at the highest level by constantly improving our product and service quality. To be worthy of the trust in our company by growing our market share at home and abroad and to be the most preferred brand. To work continuously and to be a pioneer with our production, R&D and quality departments in order to become a brand that constantly develops to increase its effectiveness and efficiency in the national/international market, pioneers in the sector and meets the customer expectations at the highest level with its wide range of products.

Range of ACTO® Products

- Biocidal (Antiseptics & Disinfectants)
- Medical Devices
- Wound Care
- Cosmetics
- Industrial Cleaning
- Food Supplements
- Veterinary
- Agriculture & Livestock





Our products are insured against defective products, incorrectly maintained equipment, improper machine handling, or any property damage and accidents to third parties that could result in claims for damages.

The commercial general liability insurance provides assurance for occurrence of bodily injury and product damage up to **3,000,000 €**.

The liability insurance provides worldwide assurance for the occurrence of financial loss up to **500,000 €**.

Environmentally Friendly Formulations

The demand for cleaning and disinfection products also includes ecological factors. All our cleaning and disinfection products are eco-friendly. Environmentally harmful substances like phenol and aldehyde are not used in our products. In addition, the packaging materials are PVC-free and recyclable.

Private Label – OEM Production



Professional and Quality Contract Manufacturing with Expert Staff

ACTO® carries out contract manufacturing activities to produce high-quality products with an understanding based on customer satisfaction and good manufacturing practices.

Products are manufactured by our expert staff with advanced technologies in our facilities and delivered to the customers in the fastest way possible.

On-site modern equipment, laboratories, and machinery based on the latest international standards enable us to manufacture OEM products, with high capacity and based on the client's needs.



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Chemical Composition:

100 g contains: 62.8 g of 2-Propanol (70 % V/V), emollient (Lanolin), auxiliary substances.

Packaging		
Unit	Pieces in Box	Article-No.
50 ml	110	06.2501.50
100 ml	81	06.2501.100
250 ml	49	06.2501.250
500 ml	30	06.2501.500
1 L	10	06.2501.1
5 L	4	06.2501.5

ACTODERM®

Hand and Skin Antiseptic with 2-Propanol 70 % (V/V)

- ✓ Contains isopropyl alcohol
- ✓ Suitable for frequent usage
- ✓ Certified by the German Society for Microbiology and Hygiene **DGHM/VAH**
- ✓ Dermatologically tested and approved in the German **DERMATEST** laboratory
- ✓ Tested according to **EN 1500** and **EN 12791** standards
- ✓ 30 seconds for hygienic hand antisepsis
- ✓ 3 minutes for surgical hand antisepsis

Actoderm® is an alcohol-based hand and skin antiseptic. Used for hygienic and surgical hand disinfection. Does not cause any allergic reaction. Dermatologically tested. Does not contain aldehyde, phenol, hydrogen peroxide, chlorhexidine and the like.

Microbiological Activity	Test Method	Application Area	Application Dose	Application Range
Bactericidal (<i>Inc. MRSA, VRE, A. baumannii</i>)	EN 13727	By spraying onto hands and skin, and wiping	3-5 ml 30 sec.	As frequent as desired
Fungicidal (<i>C. albicans, A. niger</i>)	EN 13624			
Tuberculocidal	EN 14348			
Mycobactericidal				
Virucidal (Corona, Rota, Vaccinia)	EN 14476			



ACTODERMANOL®

Hand and Skin Antiseptic with Ethanol 70 % (V/V)

- ✓ Contains ethyl alcohol
- ✓ Suitable for frequent usage
- ✓ Dermatologically tested and approved in the German **DERMATEST** laboratory
- ✓ Tested according to **EN 1500** and **EN 12791** standards
- ✓ 30 seconds for hygienic hand antiseptics
- ✓ 3 minutes for surgical hand antiseptics

Actodermanol® is an alcohol-based hand and skin antiseptic. It has been formulated for frequent use for hygienic and surgical hand disinfection. Does not cause any allergic reaction. Dermatologically tested. Does not contain aldehyde, phenol, hydrogen peroxide, chlorhexidine and the like.

Chemical Composition:

100 g contains: 65.9 g of Ethanol (70 % V/V), emollient (Lanolin), auxiliary substances.

Packaging		
Unit	Pieces in Box	Article-No.
50 ml	110	06.1046.50
100 ml	81	06.1046.100
250 ml	49	06.1046.250
500 ml	30	06.1046.500
1 L	10	06.1046.1
5 L	4	06.1046.5

Microbiological Activity	Test Method	Application Area	Application Dose	Application Range
Bactericidal (Inc. MRSA, VRE, A. baumannii)	EN 13727	By spraying onto hands and skin, and wiping	3-5 ml 30 sec.	As frequent as desired
Fungicidal (C. albicans, A. niger)	EN 13624			
Tuberculocidal Mycobactericidal	EN 14348			
Virucidal (Vaccinia)	EN 14476			



ACTOMAN® PLUS

Liquid Soap for Hand and Skin Antiseptics

- ✓ Contains 4 % Chlorhexidine gluconate
- ✓ Used in hygienic and surgical hand washing and body antiseptics
- ✓ Dermatologically tested and approved in the German **DERMATEST** laboratory
- ✓ Does not cause allergic reactions
- ✓ Compatible with skin pH
- ✓ Formulated for frequent use
- ✓ Efficient against bacteria, yeast, and viruses

Used as hygienic and surgical hand antiseptic before surgical procedures, hygienic hand antiseptic for healthcare personnel and patients, and body wash product before surgical procedures.

Chemical Composition:

4 % Chlorhexidine gluconate, glycerin, dexpanthenol and auxiliary substances.

Packaging		
Unit	Pieces in Box	Article-No.
500 ml	30	06.1188.500
1 L	10	06.1188.1

Microbiological Activity	Application Area	Application Dose	Application Range
Bactericidal EN 13727	For surgical and hygienic hand and skin disinfection; body disinfection before operation	Direct use (Ready-to-use)	As frequent as desired
Yeasticidal (C. albicans) EN 13624			
Virucidal EN 14476			



ACTODERM® Gel

Hand and Skin Care Gel with 70 % (V/V) Isopropyl Alcohol

- ✓ Cleaning and protecting your hands
- ✓ Moistening
- ✓ Revitalizing and refreshing
- ✓ Germ reducing
- ✓ pH-neutral for skin

Actoderm® Gel is used for daily skin and hand care. It provides an instant hygienic hand cleaning and care. Aloe vera extract, Dexpanthenol and Vitamin E together with glycerin prevents skin from drying and revitalize cells by providing moisture and essential vitamins.

Actoderm® Gel ensures a refreshing and germ reducing activity by its cleaning effect. Actoderm® Gel is pH-neutral, skin-friendly and practical in use.

Chemical Composition:
Isopropyl Alcohol; Aqua; Glycerin; Carbomer; Propylene Glycol; Aloe Barbadensis Extract; Parfum; Triethanolamine; Panthenol; Tocopheryl Acetate.

Packaging		
Unit	Pieces in Box	Article-No.
100 ml	81	06.1157.100



ACTODERMANOL® Gel

Hand and Skin Care Gel with 80 % (V/V) Alcohol Content

- ✓ Cleaning and protecting your hands
- ✓ Moistening
- ✓ Revitalizing and refreshing
- ✓ Germ reducing
- ✓ pH-neutral for skin

Actodermanol® Gel is used for daily skin and hand care. It provides an instant hygienic hand cleaning and care. Aloe vera extract, Dexpanthenol and Vitamin E together with glycerin prevents skin from drying and revitalize cells by providing moisture and essential vitamins.

Actodermanol® Gel ensures a refreshing and germ reducing activity by its cleaning effect. Actodermanol® Gel is pH-neutral, skin-friendly and practical in use.

Chemical Composition:
Alcohol; Isopropyl Alcohol; Aqua; Glycerin; Carbomer; Propylene Glycol; Aloe Barbadensis Extract; Parfum; Triethanolamine; Panthenol; Tocopheryl Acetate.

Packaging		
Unit	Pieces in Box	Article-No.
100 ml	81	06.5990.100



ACTOMAN®

Skin Wash and Cleansing Product

- ✓ Used for hand and body cleaning
- ✓ Compatible with skin pH
- ✓ Dermatologically tested and approved in the German **DERMATEST** laboratory
- ✓ Soap-free
- ✓ Has a pleasant odor
- ✓ Suitable for sensitive skin

Actoman® has been developed for frequent hand and body washing in case of need. Protects the skin's moisture balance thanks to its content. Provides thorough cleansing without any skin dryness due to the different surfactants it contains, abundant and permanent foam is formed during washing.

Easy to rinse. There is no sensitizing soap in the product to be used for hand and body washing. Provides a balanced and effective cleaning for both healthcare workers and patients. It has been formulated for frequent use. Therefore, it is suitable for use in the desired frequency and duration.

Chemical Composition:

Aqua, Sodium Laureth Sulfate, Cocamide DEA, Myristamine Oxide, Glycerin, Propylene Glycol, Sodium Chloride, Citric Acid, Mixture of 5-Chloro-2-methyl-isothiazole-3 (2H)-one and 2-Methylisothiazole-3 (2H)-one with magnesium chloride and magnesium nitrate, Perfume, CI 42045.

Packaging		
Unit	Pieces in Box	Article-No.
500 ml	30	06.8603.500
1 L	10	06.8603.1





ACTOANID® FLÄCHE

Biguanide-Based Floor and Surface Disinfectant

- ✓ Contains biguanide and quarternary ammonium compounds
- ✓ Aldehyde and phenol free
- ✓ Has high material compatibility
- ✓ Has bactericidal, fungicidal and virucidal action
- ✓ A concentrated product
- ✓ Thanks to its strong cleaning effect, it offers disinfection and cleaning in one step
- ✓ Certified by the German Society for Microbiology and Hygiene **DGHM/VAH**

Actoanid® Fläche is a concentrated product containing biguanide and quarternary ammonium compound. Performs cleaning and disinfection on the surface at the same time. Has a high material compatibility. Free of aldehyde and phenol. In risky areas of hospitals; it is used for cleaning and disinfection of all water-resistant floors, surface and fixtures, hard and PVC floors, acrylic glasses, incubators and kitchens contaminated with blood and body secretion.

Chemical Composition:

100 g contains: 2.5 g of poly (hexamethylene biguanide) hydrochloride, 8.0 g of diethyldimethylammonium chloride and auxiliary substances.

Concentration of Use		
Concentration Ratio	Water Amount	Product Amount
1 %	990 ml	10 ml
Packaging		
Unit	Pieces in Box	Article-No.
1 L	14	05.2001.1
2 L	9	05.2001.2
5 L	4	05.2001.5

Microbiological Activity	Test Method	Concentration	Effect Time
Bactericidal (inc. MRSA)	EN 13727	0.25 %	15 min.
Fungicidal (C. albicans, A. niger)	EN 13624	0.25 %	15 min.
Tuberculocidal, Mycobactericidal	EN 14348	1 %	15 min.
Virucidal (Vaccinia, BVDV)	EN 14476	1 %	15 min.



ACTO® OXY AIR

High-Level Hydrogen Peroxide-Based Solution for Airborne Disinfection of Environments and Surfaces

- ✓ Airborne disinfectant for environments used with device **ACTO® SATEJ**
- ✓ Used for all kind type of surfaces via wiping
- ✓ Provides a high level disinfection
- ✓ Ready-to-use product
- ✓ Bactericidal, fungicidal, virucidal, mycobactericidal, tuberculocidal and sporicidal
- ✓ Suitable for the medical, veterinary and food fields
- ✓ No residue left on surfaces after application
- ✓ Aldehyde free composition

ACTO® OXY AIR is a ready-to-use disinfectant used for the fast disinfection of environments and surface.

Areas of Application:

In Medical Field: It is used for the disinfection of the environment and surfaces in all zones of hospitals, offices, and clinics where disinfection is needed (such as operating rooms, intensive care units, baby incubators, patient rooms, etc.).

In Food Field: It is used for the disinfection of food production facilities, kitchens, food storage areas, the tools and equipment used in food transports, and all the surfaces having contact with food.

In Veterinary Field: It is used for the disinfection of animal shelters, feeders, tools and equipment, transports, foot and wheel pools, coop, hatcheries and slaughterhouses, veterinary offices, and the living spaces of pets.

Chemical Composition:

100 g contains: 7.5% Hydrogen Peroxide and auxiliary substances.

Packaging		
Unit	Pieces in Box	Article-No.
500 ml	18	05.4949.500
750 ml	15	05.4949.750
1 L	12	05.4949.1

Space for Disinfection Treatment Volume in m³	Acto® Oxy Air Disinfectant in mL	Exposure Time
35 m³	245 mL	9 minute
105 m³	735 mL	27 minute
175 m³	1225 mL	45 minute
245 m³	1715 mL	64 minute
350 m³	2450 mL	90 minute



ACTOSAL® PA POWDER

High-Level Floor, Surface and Environment Disinfectant

- ✓ Floor and surface disinfectant with broad spectrum of action
- ✓ Has bactericidal, fungicidal, tuberculocidal and virucidal action
- ✓ Based on active oxygen system
- ✓ Fast-acting and cleaning and disinfection in one operation
- ✓ Can be used in the form of wiping for floor and surfaces or of spraying by preparing in spray packaging
- ✓ The solution prepared at the appropriate concentration for environment
- ✓ Disinfection can be applied by putting it in the device

Actosal® PA Powder is based on the active oxygen system. Has a broad spectrum of action. No special liquid is needed to prepare the solution. The product prepared with water provides an easy and practical application. Its composition does not contain alcohol, quaternary ammonium compounds, biguanide, aldehyde and phenol. The solution is used alone in air/environment, floor and surface cleaning and disinfection applications. At usage doses, it does not have an adverse effect on personnel using it and the materials used. Solution has a pink color. Discoloration of the solution indicates that the activity of solution has decreased. The activity indicator is evaluated by color change. When used according to the recommendations for use, it does not adversely affect the user personnel and the materials used.

Used for floor and surface disinfection in areas such as operating room, intensive care, laboratory, dialysis center and so on, for aerial disinfection of critical areas (terminal disinfection/fogging) and in incubators.

Chemical Composition:

50 % Potassium monopersulphate, 19.95 % cleaner, 2 % corrosion inhibitor and auxiliary substances.

Concentration of Use		
Concentration Ratio	Water Amount	Product Amount
0.5 %	1000 ml	5 g

Packaging		
Unit	Pieces in Box	Article-No.
50 g	108	05.1036.50
1 kg	10	05.1036.1
5 kg	1	05.1036.5

Microbiological Activity	Test Method	Concentration	Effect Time
Bactericidal	EN 13727 EN 1656 EN 1276	0.25 %	5 min.
Fungicidal (<i>C. albicans</i> , <i>A. niger</i>)	EN 13624 EN 1657 EN 1650	0.5 %	5 min.
Tuberculocidal Mycobactericidal	EN 14348	0.25 %	5 min.
Virucidal (Adeno, Polio, MNV)	EN 14476	0.5 %	5 min.



ACTOSAL® FLÄCHE AF

Floor and Surface Disinfectant

- ✓ Contains quarternary ammonium compounds
- ✓ Aldehyde and phenol free
- ✓ Suitable for use in any type of surface
- ✓ Has bactericidal, fungicidal and virucidal action
- ✓ A concentrated product

Actosal® Fläche AF is a concentrated product that cleans and disinfects simultaneously with chemical content. Free of aldehyde and phenol. Suitable for use on all surfaces.

In risky areas of hospitals; it is used for cleaning and disinfection of all water-resistant floors, surface and fixtures, hard and PVC floors, acrylic glasses, incubators, slides, urinary containers and kitchens contaminated with blood and body secretion.

Chemical Composition:

100 g contains: 9.9 g of diethyldimethylammonium chloride (70 %) and auxiliary substances.

Concentration of Use		
Concentration Ratio	Water Amount	Product Amount
1 %	990 ml	10 ml

Packaging		
Unit	Pieces in Box	Article-No.
1 L	14	05.5502.1
5 L	4	05.5502.5

Microbiological Activity	Test Method	Concentration	Effect Time
Bactericidal	EN 1276	1 %	15 min.
Fungicidal (<i>C. albicans</i> , <i>A. niger</i>)	EN 1650	1 %	15 min.
Virucidal (Vaccinia)	EN 14476	1 %	15 min.

ACTOSEPT® AF

Rapid Surface Disinfectant for Medical Device

- ✓ It contains alcohol and didecyldimethylammonium propionate
- ✓ It does not contain aldehyde or phenol
- ✓ It has wide material compliance
- ✓ It has bactericidal, mycobactericidal, yeasticidal and virucidal effect
- ✓ It has fast drying feature
- ✓ It is dermatologically tested and approved by German **DERMATEST** laboratory
- ✓ Certified by the German Society for microbiology and Hygiene **DGHM/VAH**



Chemical Composition:
100 g contains: 50 g ethanol, 10 g 2-propanol, 0.05 g didecyldimethylammonium propionate, nonionic surfactants and auxiliary substances.

Packaging		
Unit	Pieces in Box	Article-No.
500 ml	18	05.2301.500
750 ml	15	05.2301.750
1 L	12	05.2301.1
4500+500 ml	3	05.2301.45
5 L	4	05.2301.5

Actosept® AF is a fast acting ready-to-use surface disinfectant which contains alcohol. The product, which contains ethanol, 2-propanol and didecyldimethylammonium propionate, can be used for the fast disinfection of small surfaces with its widely effective spectrum and easy use. It is used for the fast disinfection of all kinds of surfaces except acrylic glass and alcohol-sensitive surfaces. It is suitable for the nursing desks, tables and chairs, medicine trolleys, areas where hands and skin can frequently contact, and the patient care units. It smells fresh and nice.

Microbiological Activity	Test Method	Concentration	Effect Time
Bactericidal (Inc. MRSA, VRE, A. baumannii)	DGHM, EN 13727, EN 16615	Ready-to-use	30 sec.
Yeasticidal (C. albicans)	DGHM EN 13624, EN 16615	Ready-to-use	30 sec.
Tuberculocidal, Mycobactericidal	EN 14348	Ready-to-use	30 sec.
Limited Virucidal (Corona, Rota)	EN 14476	Ready-to-use	30 sec.

ACTOSEPT® AF TÜCHER

Alcohol-Based Ready-to-Use Wipes for Rapid Surface Disinfection

- ✓ Alcohol-based readily effective wipes ✓ Disinfects fast and dries rapidly
- ✓ Effective in 30 sec. against bacteria, fungi, mycobacteria and enveloped viruses
- ✓ Ready-to-use ✓ High material compatibility ✓ Free of aldehyde and phenol
- ✓ The impregnation solution **Actosept® AF** is **DGHM/VAH** listed
- ✓ The impregnation solution **Actosept® AF** is dermatologically tested and found to be "Excellent" in the German **DERMATEST** laboratory



Chemical Composition:
Content of 100 g Impregnation Solution: 50 g Ethanol, 10 g 2-Propanol, 0.05 g Didecyldimethylammonium propionate and excipients.

Packaging		
Unit	Pieces in Box	Article-No.
100 Wipes - 15x24 cm	6 (PE Container)	05.3101.100
80 Wipes - 15x20 cm	18 (Packaging Bag)	05.3101.80

Actosept® AF Tücher, is used for disinfection of the surfaces of alcohol resistant medical devices which are not suitable for contact with liquid. It is an alcohol containing product used for rapid disinfection on medical device surfaces. It is a product suitable for cleaning large areas and in the form of wipes containing nonwovens (viscose/polyester). It does not contain aldehyde and phenol.

Microbiological Activity	Test Method	Effect Time
Bactericidal	EN 13727* EN 16615	30 sec.
Fungicidal (Aspergillus brasiliensis, Candida albicans)	EN 16615	30 sec.
Tuberculocidal, Mycobactericidal	EN 14348*	30 sec.
Limited Virucidal (Corona, Rota)	EN 14476*	30 sec.

* Tests were made with impregnation solution.

**Chemical Composition:**

100 g contains: 20 g Ethyl alcohol, 10 g 2-Propanol, 0.05 g Didecylmethylpoly (oxyethyl) ammonium-propionate and auxiliary substances.

Packaging		
Unit	Pieces in Box	Article-No.
500 ml	18	05.2401.500
1 L	12	05.2401.1
4500+500 ml	3	05.2401.45
5 L	4	05.2401.5

ACTOSEPT® AF CITRUS

Rapid Surface Disinfectant for Medical Devices

- ✓ Alcohol-based ready to use
- ✓ Has quality of rapid disinfection and drying on surfaces
- ✓ Bactericidal, fungicidal and virucidal
- ✓ Can be used on any medical devices surface
- ✓ Free of aldehyde and phenol
- ✓ Easy to use
- ✓ High material compatibility

Actosept® AF Citrus is suitable for cleaning and disinfection of medical devices used in medical fields. A fast-acting, ready-to-use and alcohol-based product. Free of aldehyde and phenol. Has a rapid drying quality.

Can be used safely on any alcohol-resistant medical device surface. Also suitable for the disinfection and cleaning of medical device surfaces used in dental area.

Microbiological Activity	Test Method	Concentration	Effect Time
Bactericidal	EN 13727	Ready-to-use	1 min.
Fungicidal (<i>A. niger</i>)	EN 13624	Ready-to-use	5 min.
Virucidal (Vaccinia)	EN 14476	Ready-to-use	5 min.

**Chemical Composition:**

100 g contains: 50 g Ethanol, 10 g 2-Propanol, 0.05 g Polyhexanide, surfactants and auxiliary substances.

Packaging		
Unit	Pieces in Box	Article-No.
500 ml	18	05.2242.500
750 ml	15	05.2242.750
1 L	12	05.2242.1
4500+500 ml	3	05.2242.45
5 L	4	05.2242.5

ACTOSEPT® AF NEW

Ready-to-Use Rapid Surface Disinfectant

- ✓ Contains alcohol and polyhexanide
- ✓ Aldehyde and phenol free
- ✓ Has a wide material compatibility
- ✓ Has a bactericidal (including Tbc), fungicidal and virucidal action
- ✓ Has a fast drying quality

Actosept® AF New is a ready-to-use, fast-acting surface disinfectant containing alcohol. Containing ethanol, 2-propanol and polyhexanide. The product is safely used for rapid disinfection of the small surfaces through its broad spectrum of action and usability.

It is used for rapid disinfection of all kinds of surfaces except acrylic glass and alcohol-sensitive surfaces. Suitable for nursing desks, tables and chairs, dressing carts, areas with frequent hand and skin contact, patient care units. It has a pleasant and fresh odor.

Microbiological Activity	Test Method	Concentration	Effect Time
Bactericidal	EN 13727	Solution that is ready to direct use	Wait for 30 sec. after spraying and then start wiping process.
Fungicidal (<i>C. albicans</i> , <i>A. niger</i>)	EN 13624		
Tuberculocidal	EN 14348		
Mycobactericidal			
Virucidal (Adeno, Polio, MNV)	EN 14476		



ACTOSEPT® AF PLUS

Alcohol Based Fast Surface Disinfectant for Medical Devices - 70% Ethanol

- ✓ Contains alcohol and didecyldimethylammonium propionate
- ✓ Aldehyde and phenol free
- ✓ Has wide material compliance
- ✓ Has bactericidal, fungicidal and virucidal effect
- ✓ It has fast drying feature

Actosept® AF Plus is a ready-to-use alcohol-based product used for fast disinfection and cleaning of the surfaces of medical devices. It can be used for the disinfection of all kinds of alcohol-resistant medical device surfaces. It has fast drying feature. It does not contain aldehyde and phenol.

Chemical Composition:
Content of 100g Solution:
65,9 g (70% V/V) Ethyl alcohol, 0,05 g Didesylmethylpoly (oxyethyl) ammoniumpropionate, nonionic surfactant and auxiliary substances.

Packaging		
Unit	Pieces in a Box	Article-No.
500 ml	18	05.4849.500
750 ml	15	05.4849.750
1 L	12	05.4849.1
4500+500 ml	3	05.4849.45
5 L	4	05.4849.5

Microbiological Activity	Test Method	Concentration	Effect Time
Bactericidal	EN 13727 EN 14561	Ready-to-use	30 sec.
Fungicidal	EN 13624 EN 14562	Ready-to-use	1 min.
Virucidal (Adeno, Polio, MNV)	EN 14476	Ready-to-use	30 sec.



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paraffa.de**Chemical Composition:**

100 g contains: 0.23 g Poly (Hexamethylene Biguanide) Hydrochloride, 0.28 g Quaternary ammonium compounds, auxiliary substances.

Packaging		
Unit	Pieces in Box	Article-No.
750 ml	15	05.1230.750
1 L	12	05.1230.1
4500 ml + 500 ml	3	05.1230.45
5 L	4	05.1230.5

ACTOANID® SPRAY

Rapid - Acting Surface Disinfectant for Medical Devices Sensitive to Alcohol

✓ Contains the combination of polyhexanide and quarternary ammonium
 ✓ Suitable for use on alcohol-sensitive surfaces ✓ Free of alcohol, aldehyde and phenol ✓ Wide material compatibility including incubator and acrylic glasses ✓ Bactericidal, yeasticidal and virucidal ✓ Short contact time ✓ Ready-to-use product ✓ Offers different usage possibilities with spray and foam nozzle ✓ Certified by the German Society for Microbiology and Hygiene **DGHM/VAH** ✓ Dermatologically tested and approved in the German **DERMATEST** laboratory

Actoanid® Spray, is an alcohol-free, ready-to-use medical device disinfectant developed for use on all surfaces, including alcohol-sensitive surfaces. It is easy to use, fast effective and the smell is not disturbing. Free of aldehyde and phenol. Offers different usage preferences with spray and foam nozzle. Used safely on sensitive surfaces such as incubator and ultrasound probe.

Suitable for cleaning and disinfecting surfaces of alcohol-sensitive medical devices used in hospitals, doctor offices and clinics.

Microbiological Activity	Test Method	Concentration	Effect Time
Bactericidal	EN 13727	Ready-to-use	1 min.
Yeasticidal (<i>C. albicans</i>)	EN 13624	Ready-to-use	1 min.
Virucidal (Vaccinia, Corona, Rota)	EN 14476	Ready-to-use	1 min.

**Chemical Composition:**

Content of 100 g Impregnation Solution:
 0.25 g Poly (Hexamethylene Biguanide) Hydrochloride, 0.25 g Quaternary Ammonium Compounds and excipients.

Packaging		
Unit	Pieces in Box	Article-No.
80 Wipes - 15x20 cm	18 (Packaging Bag)	05.1210.80
100 Wipes - 15x24 cm	6 (PE Container)	05.1210.100

ACTOANID® WIPES

Ready-to-Use Disinfection Wipes for Alcohol-Sensitive Surfaces

✓ A combination of modern active ingredients: PHMB and QAC
 ✓ Suitable to use on surfaces sensitive to alcohol
 ✓ Aldehyde and phenol-free
 ✓ High material compatibility including incubators and acrylic glasses
 ✓ Effective in 60 sec. against bacteria and fungi
 ✓ Ready-to-use

Actoanid® Wipes is used for cleaning and disinfection of the surfaces of non-alcohol resistant medical devices which are not suitable for contact with liquid. It is polyhexanide and quaternary ammonium combination based. It is a product suitable for cleaning large areas and in the form of wipes containing nonwovens (viscose/polyester). It does not contain aldehyde and phenol derivatives.

Microbiological Activity	Test Method	Concentration	Effect Time
Bactericidal	EN 16615	Ready-to-use	1 min.
Fungicidal (<i>Aspergillus brasiliensis</i> , <i>Candida albicans</i>)	EN 16615	Ready-to-use	1 min.
Virucidal (Vaccinia)	EN 14476	Ready-to-use	1 min.





ACTO® OXY FOAM

Disinfectant and Cleaning Foam with Sporocidal Effect for the Surfaces of Medical Devices

- ✓ Contains hydrogen peroxide
- ✓ Ready to use and in foam form
- ✓ Suitable to use on surfaces sensitive to alcohol
- ✓ Aldehyde and phenol free
- ✓ Has wide material compliance
- ✓ Has bactericidal, fungicidal, virucidal and sporocidal

Acto® Oxy Foam is used for the cleaning and disinfection of the surfaces of medical devices. It is ready to use and in foam form. It is Hydrogen Peroxide based, but does not leave any residue. Thanks to its fast drying effect, it does not leave stains on the surfaces. It is bactericidal, fungicidal, virucidal and sporocidal.

Chemical Composition:

Content of 100g Solution:
2.6% Hydrogen peroxide, ethanol and auxiliary substances

Packaging		
Unit	Pieces in Box	Article-No.
500 ml	18	05.5710.500
750 ml	15	05.5710.750
1 L	12	05.5710.1
4500+500 ml	3	05.5710.45
5 L	4	05.5710.5

Microbiological Activity	Test Method	Concentration	Effect Time
Bactericidal	EN 13727 EN 14561	Ready-to-use	1 min.
Fungicidal	EN 13624 EN 14562	Ready-to-use	1 min.
Sporicidal	EN 13704 EN 14347	Ready-to-use	30 min.
Virucidal (Adeno, Polio, MNV)	EN 14476	Ready-to-use	1 min.



ACTO® OXY WIPES

Disinfectant and Cleaning Wipes with Sporocidal Effect for the Surfaces of Medical Devices

- ✓ Contains hydrogen peroxide
- ✓ Ready to use and in wipe form
- ✓ Suitable to use on surfaces sensitive to alcohol
- ✓ Aldehyde and phenol free
- ✓ Has wide material compliance
- ✓ Has bactericidal, fungicidal, virucidal and sporocidal

ACTO® OXY WIPES are used for the cleaning and disinfection of the surfaces of medical devices sensitive to alcohol, where liquid contact is not suitable. It is Hydrogen Peroxide based, but does not leave any residue. Thanks to its fast drying effect, it does not leave stains on the surfaces. It is bactericidal, fungicidal, virucidal and sporocidal. It is in the form of a non-woven (viscose / polyester) wipe and suitable for cleaning large areas.

Chemical Composition:

Content of 100g Soaking Solution:
3,0% Hydrogen peroxide and auxiliary substances

Packaging		
Unit	Pieces in Box	Article-No.
(100 Wipes – 13,5x24 cm)	6 (PE Container)	05.5300.100

Microbiological Activity	Test Method	Concentration	Effect Time
Bactericidal	EN 13727 EN 16615	Ready-to-use	1 min.
Fungicidal	EN 13624 EN 16615	Ready-to-use	1 min.
Sporicidal	EN 13704	Ready-to-use	5 min.
Virucidal (Adeno, Polio, MNV)	EN 14476	Ready-to-use	1 min.



Chemical Composition:

Amount of active substance in 100 g:

Actosed® HP Ready: Stabilizer, corrosion inhibitor and excipients

Actosed® HP Ready: Activator: ≤ 6 % Peracetic acid

The activated product initially contains ≥ 2000 ppm peracetic acid and ≥ 5000 ppm hydrogen peroxide.

Packaging

Unit	Pieces in Box	Article-No.
5 L (4750 ml + 250 ml Activator)	2	01.7303.5
Test Strip - Pack of 25 pcs	1	14.5199.25

ACTOSED® HP READY

High-Level Disinfectant for Medical Instruments and Endoscopes

- ✓ Contains a combination of peracetic acid and hydrogen peroxide
- ✓ Used for high-level disinfection of cleaned flexible and rigid endoscopes and medical instruments
- ✓ Wide spectrum of action including spores, and is fast-acting on bacteria (including Tbc), viruses and fungi
- ✓ Biodegradable
- ✓ Offers safe use for healthcare professionals
- ✓ Can be used manually or with endoscope washing machine

Actosed® HP Ready is a sporicidal disinfectant containing peracetic acid and hydrogen peroxide, which is used for high-level disinfection of medical instruments and endoscopes, and acts on bacteria (including Tbc), viruses and fungi. **Actosed® HP Ready** is activated during use and made ready for use.

Microbiological Activity Test	Test Method	Concentration	Effect Time
Bactericidal	EN 14561	Ready-to-use	5 min.
Fungicidal (<i>C. albicans</i> , <i>A. brasiliensis</i>)	EN 14562	Ready-to-use	5 min.
Tuberculocidal, Mycobactericidal	EN 14563	Ready-to-use	5 min.
Sporicidal (<i>Bacillus subtilis</i>)	EN 17126	Ready-to-use	5 min.
Virucidal (Polio, Adeno, MNV)	EN 14476	Ready-to-use	5 min.

**Chemical Composition:**

100 g contains: < 50 g Sodium percarbonate, < 30 g TAED, corrosion inhibitors and auxiliary substances.

Concentration of Use		
Concentration Ratio	Amount of Water	Product Quantity
1.62 %	1 L	16.2 gr

Packaging		
Unit	Pieces in Box	Article-No.
81 g	240	01.9605.81
810 g	10	01.9605.810
5 kg	1	01.9605.5
Test Strip - Pack of 25 pcs	1	14.4204.25

ACTOSED® PA POWDER**High-Level Disinfectant for Endoscopes and Medical Instruments**

- ✓ Powder form disinfectant containing peracetic acid
- ✓ Used for high-level disinfection of flexible and rigid endoscopes and medical instruments
- ✓ High cleaning performance
- ✓ Suitable for use in many different materials with optimum material compatibility
- ✓ Has bactericidal (including MRSA), fungicidal, mycobactericidal, virucidal and sporidicidal action
- ✓ Biodegradable
- ✓ Offers safe use for healthcare personnel
- ✓ Can be used manually or with endoscope washing machine
- ✓ It is approved by **STORZ**

Actosed® PA Powder, is a high-level disinfectant in powder form, which is containing peracetic acid and used for the disinfection of medical instruments and endoscopes. Shows optimum efficiency with short contact time and provides safe usage. Thanks to its high cleaning power, it can be used for pre-cleaning and disinfection of medical instruments in all kinds of contamination.

Actosed® PA Powder is a product that is suitable for daily use, and the minimum effective concentration (MEC) should be checked with the test strips during the duration of use. When **Actosed® PA Powder** is dissolved in water, peracetic acid is produced.

Microbiological Activity	Test Method	Concentration	Effect Time
Bactericidal (Including MRSA)	EN 13727 EN 14561	1.62 %	5 min.
Fungicidal (<i>C. albicans</i> , <i>A. brasiliensis</i>)	EN 13624 EN 14562	1.62 %	10 min.
Tuberculocidal, Mycobactericidal	EN 14348 EN 14563	1.62 %	10 min.
Virucidal (Adeno, Polio, MNV)	EN 14476	1.62 %	10 min.
Sporicidal (<i>B. subtilis</i>)	EN 13704	1.62 %	10 min.

**Chemical Composition:**

100 g contains: Combination of ≤ 10 % peracetic acid and hydrogen peroxide, corrosion inhibitor and auxiliary substances.

Concentration of Use		
Concentration Ratio	Amount of Water	Product Quantity
1 %	990 ml	10 ml
3 %	970 ml	30 ml (1 Pump)

Packaging		
Unit	Pieces in Box	Article-No.
1 L	14	01.9305.1
5 L	4	01.9305.5
Test Strip - Pack of 25 pcs	1	14.4154.25

ACTOSED® PA**Concentrated High-Level Disinfectant for Endoscopes and Medical Instruments**

- ✓ Contains a combination of peracetic acid and hydrogen peroxide
- ✓ Used for high-level disinfection of cleaned flexible and rigid endoscopes and medical instruments
- ✓ Wide spectrum of action including spores, and is fast-acting on bacteria (including Tbc), viruses and fungi
- ✓ Can maintain its effectiveness in the presence of organic matter
- ✓ Biodegradable
- ✓ Offers safe use for healthcare professionals
- ✓ Can be used manually or with endoscope washing machine

Actosed® PA Combining the combination of peracetic acid and hydrogen peroxide with corrosion inhibitors in a special formula, **Actosed® PA** provides the user with fast, efficient and safe handling and is one of the best choices for high-level disinfection of medical instruments and endoscopes. The aldehyde-free formulation makes the product safer for the environment and users. **Actosed® PA** has a wide material compatibility when used at recommended concentrations and durations of use.

Microbiological Activity	Test Method	Concentration	Effect Time
Bactericidal	EN 14561	1 %	10 min.
Fungicidal	EN 14562	1 %	10 min.
Tuberculocidal Mycobactericidal	EN 14563	1 %	10 min.
Virucidal (Adeno, Polio, MNV)	EN 14476	1 %	10 min.
Sporicidal	EN 13704	3 %	10 min.



ACTOSED® OPA

High Level Disinfectant for Endoscopes and Medical Instruments

- ✓ Contains 0.55 % of ortho-phthalaldehyde
- ✓ Offers safe use for pre-cleaned endoscopes and medical instruments
- ✓ High material compatibility ✓ Shows superior antimicrobial activity
- ✓ Fast acting ✓ Can be used up to 14 days with monitoring of activity level with test strips ✓ Can be used with manual or endoscope washing machine ✓ Ready-to-use product

Actosed® OPA is a non-activation ready-to-use product for high-level disinfection of medical instruments and endoscopes. It has bactericidal (including Tbc), fungicidal, virucidal and sporocidal action.

Actosed® OPA can be used manually or with an endoscope washing machine for high-level disinfection of flexible and rigid endoscopes, surgical instruments made of stainless steel, including MIC instruments, anesthesia materials and heat-labile medical instruments.

Chemical Composition:
100 g contains: 0.55 % Ortho-phthalaldehyde (OPA), corrosion inhibitor and auxiliary substances.

Packaging		
Unit	Pieces in Box	Article-No.
5 L	4	01.2323.5
Test Strip - Pack of 25 pcs	1	14.4144.25

Microbiological Activity	Test Method		Concentration	Effect Time
Bactericidal	EN 13727	EN 14561	Ready-to-use	5 min.
Fungicidal	EN 13624	EN 14562	Ready-to-use	5 min.
Tuberculocidal, Mycobactericidal	EN 14348	EN 14563	Ready-to-use	5 min.
Virucidal (Adeno, Polio, MNV)	EN 14476		Ready-to-use	5 min.
Sporicidal	DGHM	EN 13704	Ready-to-use	3 hours



ACTOSED® FORTE READY

High Level Disinfectant for Endoscopes and Medical Instruments

- ✓ Contains 2% Gluteraldehyde
- ✓ Used for high-level disinfection of previously cleaned instruments
- ✓ Offers safe use for medical instruments and endoscopes with high material compatibility
- ✓ Has bactericidal, mycobactericidal, virucidal, fungicidal and sporocidal activity
- ✓ Ready-to-use
- ✓ Can be used without any activator
- ✓ Suitable for use manually or with endoscope washing machine

Actosed® Forte Ready provides high-level disinfection for endoscopes and medical instruments. It is available as a ready-to-use form. The Actosed® Forte Ready solution can be used for up to 15 days. The minimum effective concentration should be checked with the test strips.

Actosed® Forte Ready can be used manually or with an endoscope washing machine for high-level disinfection of flexible and rigid endoscopes, surgical instruments made of stainless steel, including MIC instruments, anesthesia materials and non-heat-resistant medical instruments.

Chemical Composition:
100 g contains: 2 % Gluteraldehyde, corrosion inhibitors and auxiliary substances.

Packaging		
Unit	Pieces in Box	Article-No.
5 L	4	01.0303.5
Test Strip - Pack of 25 pcs	1	14.4164.25

Microbiological Activity	Test Method		Concentration	Effect Time
Bactericidal	EN 14561		Ready-to-use	15 min.
Fungicidal (<i>C. albicans</i> , <i>A. brasiliensis</i>)	EN 14562		Ready-to-use	15 min.
Tuberculocidal, Mycobactericidal	EN 14348	EN 14563	Ready-to-use	15 min.
Virucidal (Adeno, Polio, MNV)	EN 14476		Ready-to-use	15 min.
Sporicidal	EN 13704		Ready-to-use	1 hour

**Chemical Composition:**

100 g contains: 10 g Alkyldimethylethyl ammoniummethosulfate, 2 g Poly Hexamethylene Hydrochloride, 3.6 g Cocosporylenediamineguanidium acetate, corrosion inhibitors, nonionic surfactant and auxiliary substances.

Concentration of Use		
Concentration Ratio	Amount of Water	Product Quantity
3 %	970 ml	30 ml (1 Pump)
Packaging		
Unit	Pieces in Box	Article-No.
1 L	14	01.4702.1
2 L	9	01.4702.2
5 L	4	01.4702.5
Test.Strip - Pack of 25 pcs	1	14.4194.25

ACTOSED® ENDO TERRA**Concetrated Medical Instrument and Endoscope Disinfectant**

- ✓ Contains biguanide, amine and quaternary ammonium compounds
- ✓ Used for cleaning and disinfection of heat-sensitive materials and surgical instruments including endoscopes ✓ Aldehyde and phenol free
- ✓ High material compatibility ✓ Has bactericidal, yeasticidal and virucidal action
- ✓ Certified by the German Society for Microbiology and Hygiene DGHM/VAH
- ✓ Suitable for use manually and with ultrasonic washing machines
- ✓ It is approved by STORZ

Actosed® Endo Terra, is a disinfectant with a broad spectrum of effect containing biguanide, quaternary ammonium compounds and amine. Displays high material compatibility and strong cleaning properties. Suitable for daily use in medical device disinfection. **Actosed® Endo Terra** is suitable for use manually or with ultrasonic washing machines for pre-cleaning and disinfection of surgical instruments made of stainless steel, including MIC instruments, the dental instruments, endoscopes, anesthesia materials, heat-resistant and non-heat-resistant materials.

Microbiological Activity	Test Method	Concentration	Effect Time
Bactericidal	EN 13727 EN 14561	3 %	15 min.
Yeasticidal (<i>C. albicans</i>)	EN 13624 EN 14562	3 %	15 min.
Virucidal	HBV, BVDV, Vaccinia	3 %	15 min.

**Chemical Composition:**

100 g contains: 12 g Didesylmethylpoly (oxyethyl)-ammonium propionate, 9.9 g N, N-Bis (3-aminopropyl) dodecylamine, 0.8 g Enzyme (Amylase, protease, lipase, cellulase), nonionic surfactant, corrosion inhibitors and excipients.

Concentration of Use		
Concentration Ratio	Amount of Water	Product Quantity
0.5 %	995 ml	5 ml
Packaging		
Unit	Pieces in Box	Article-No.
1 L	14	01.7603.1
5 L	4	01.7603.5
Test.Strip - Pack of 25 pcs	1	14.4174.25

ACTOSED® ENZYM**Cleaner and Disinfectant for Medical Instruments and Endoscopes**

- ✓ Contains 4 enzymes (Amylase, Lipase, Protease, Cellulase)
- ✓ Provides disinfection due to other active ingredients it contains
- ✓ Has bactericidal, yeasticidal and virucidal action
- ✓ Used for pre-cleaning and disinfection of endoscopes and surgical instruments ✓ A concentrated product ✓ Aldehyde and phenol free
- ✓ High material compatibility ✓ Suitable for use manually and with ultrasonic washing machines ✓ It is approved by STORZ

Actosed® Enzym is a concentrated product with 4 enzyme contents and disinfection power combined in one product. The enzyme complex offers high performance to remove organic impurities such as blood, protein, mucus, fat and feces. In addition to the cleaning effect, **Actosed® Enzym** can be used for bactericidal, fungicidal and virucidal (such as HBV, HIV, HCV) action before sterilization or high-level disinfection with disinfectant active ingredients it contains. It is suitable for daily use in medical applications.

Microbiological Activity	Test Method	Concentration	Effect Time
Bactericidal	EN 13727 EN 14561	0.5 %	15 min.
Yeasticidal (<i>C. albicans</i>)	EN 13624 EN 14562	0.5 %	15 min.
Virucidal (Vaccinia)	EN 14476	0.5 %	15 min.



ACTOSED® ENDO READY

Ready-to-Use Disinfectant for Medical Instruments and Endoscopes

- ✓ Contains amine and quaternary ammonium compounds
- ✓ Used for the preparation of endoscopes for re-use and cleaning and disinfection of materials sensitive to heat and surgical instruments
- ✓ Aldehyde and phenol free
- ✓ High material compatibility
- ✓ Has bactericidal, yeasticidal, mycobactericidal, virucidal activity
- ✓ Suitable for manual use and in ultrasonic washing machines

Actosed® Endo Ready is a disinfectant having wide spectrum effect and amine and quaternary ammonium compounds. It shows high material compliance and strong cleaning feature. It is suitable for daily usage in medical instrument disinfection.

Actosed® Endo Ready is suitable for the pre-cleaning and disinfection of surgical instruments made from stainless steel, dentistry instruments, endoscopes, anesthesia equipment, and the materials, which are resistant or not resistant to heat, including MIC instruments by manually or in ultrasonic washing machines.

Chemical Composition:

100 g contains: 0.59 g N,N bis (3-aminopropyl) dodecylamine, 0.72 g didecylmethylpolyoxyethyl ammonium propionate and auxiliary substances.

Packaging

Unit	Pieces in Box	Article-No.
5 L	4	01.8203.5
Test.Strip - Pack of 25 pcs	1	14.4184.25

Microbiological Activity	Test Method	Concentration	Action Time
Bactericidal	EN 14561	Ready-to-use	15 min.
Yeasticidal (<i>C. albicans</i>)	EN 14562	Ready-to-use	15 min.
Tuberculocidal, Mycobactericidal	EN 14563	Ready-to-use	30 min.
Virucidal	HBV, BHV, BRV	Ready-to-use	15 min.

ACTOSED® ENDO

Concentrated Disinfectant for Medical Instruments and Endoscopes

- ✓ Contains amine and quaternary ammonium compounds
- ✓ Used for the preparation of endoscopes for re-use and cleaning and disinfection of materials sensitive to heat and surgical instruments
- ✓ Aldehyde and phenol free
- ✓ High material compatibility
- ✓ Has bactericidal, yeasticidal, mycobactericidal, virucidal activity
- ✓ Suitable for manual use and in ultrasonic washing machines
- ✓ It is approved by **STORZ**

Actosed® Endo is a disinfectant having wide spectrum effect and amine and quaternary ammonium compounds. It shows high material compliance and strong cleaning feature. It is suitable for daily usage in medical instrument disinfection. **Actosed® Endo** is suitable for the pre-cleaning and disinfection of surgical instruments made from stainless steel, dentistry instruments, endoscopes, anesthesia equipment, and the materials, which are resistant or not resistant to heat, including MIC instruments by manually or in ultrasonic washing machines.

Chemical Composition:

100 g contains: 12 g N,N-Didecyl-N-methyl-poly (oxyethyl) ammonium propionate, 9.9 g N-(3-Aminopropyl)-N-dodecylpropane-1,3-diamine, corrosion inhibitors and auxiliary substances.

Concentration of Use

Concentration Ratio	Amount of Water	Product Quantity
3 %	970 ml	30 ml (1 pump)

Packaging

Unit	Pieces in Box	Article-No.
2 L	9	01.0101.2
5 L	4	01.0101.5
Test.Strip - Pack of 25 pcs	1	14.4184.25

Microbiological Activity	Test Method	Concentration	Action Time
Bactericidal	EN 14561	3 %	15 min.
Yeasticidal (<i>C. albicans</i>)	EN 14562	3 %	15 min.
Tuberculocidal, Mycobactericidal	EN 14563	3 %	30 min.
Virucidal	HBV, BHV, BRV	3 %	15 min.



Chemical Composition:

100 g contains: Enzyme (amylase, lipase, protease, cellulase), 0.8 g benzalconium chloride, nonionic surfactant, corrosion inhibitors and auxiliary substances.

ACTOCLEAN® PERFECT

Enzymatic Cleaner for Endoscopes and Medical Instruments

- ✓ Contains 4 enzymes (Amylase, Lipase, Protease, Cellulase)
- ✓ Used for instrument and endoscope cleaning
- ✓ A concentrated product
- ✓ Phosphate-free
- ✓ High material compatibility
- ✓ Biodegradable in nature
- ✓ Suitable for use manually and with ultrasonic washing machine

Actoclean® Perfect is a concentrated liquid cleaner which contains enzyme. It rapidly and effectively cleans the organic dirt on the instruments thanks to four enzymes in its content. It contains corrosion inhibitors and prevents corrosion formation. Thanks to its neutral pH value, it can be used safely in all kinds of materials. It is phosphate-free. It is suitable for use in different water hardness levels.

Actoclean® Perfect is suitable for the surgical instruments made from stainless steel, dentistry instruments, endoscopes, anesthesia equipment, and the materials, which are resistant or not resistant to heat, including MIC instruments by manually or in a ultrasonic washing machine.

Concentration of Use		
Concentration Ratio	Amount of Water	Product Quantity
0.5 %	1000 ml	5 ml
1 %	1000 ml	10 ml

Packaging		
Unit	Pieces in Box	Article-No.
1 L	14	02.1016.1
5 L	4	02.1016.5



ACTOCLEAN® FLÜSSIG

Concentrated Cleaner for Endoscopes and Medical Instruments



- ✓ A concentrated product
- ✓ Used for instrument and endoscope cleaning
- ✓ Can be used in any kind of material
- ✓ Phosphate-free
- ✓ Biodegradable in nature
- ✓ Suitable for use manually and with ultrasonic washing machine

Actoclean® Flüssig is an enzyme-free cleaning product in liquid form for medical instruments. Does not cause formation of corrosion. Phosphate-free.

Actoclean® Flüssig is suitable for use manually or with ultrasonic washing machines for the cleaning of surgical instruments made of stainless steel, including MIC instruments, dental instruments, endoscopes, anesthesia materials, heat resistant and non-heat-resistant materials.

Chemical Composition:

100 g contains: Nonionic surfactant, 0.8 g Benzalkonium chloride, corrosion inhibitors and auxiliary substances.

Concentration of Use		
Concentration Ratio	Amount of Water	Product Quantity
0.5 %	1000 ml	5 ml
1 %	1000 ml	10 ml

Packaging		
Unit	Pieces in Box	Article-No.
1 L	14	02.0801.1
5 L	4	02.0801.5



ACTO® ENZY FOAM

Enzymatic Cleaning Foam Spray



- ✓ Contains 4 enzymes (Amylase, Lipase, Protease, Cellulase)
- ✓ Used for instrument and endoscope cleaning
- ✓ Can be used in any kind of material
- ✓ Phosphate-free
- ✓ Has a neutral pH
- ✓ A ready-to-use foam spray
- ✓ Biodegradable in nature

Acto® Enzy Foam is an enzymatic cleaner in foam form developed for use post-treatment cleaning of surgical and medical instruments. Due to the enzymes and other surfactants it contains, it provides rapid and effective removal of the biofilm layer and all types of organic contamination and helps to reduce the microbial load. Due to its neutral pH value, it can be used safely in all kinds of materials and contributes to the prevention of rust and corrosion formation. Phosphate-free.

It is suitable for use for enzymatic cleaning of surgical and medical instruments as well as dental instruments and the materials made of metal, plastic, ceramic, porcelain and glass.

Chemical Composition:

100 g contains: < 5 % nonionic surfactant, < 5 % cationic surfactant, < 5 % EDTA, enzyme (amylase, protease, lipase, cellulase), corrosion inhibitors and auxiliary substances.

Packaging		
Unit	Pieces in Box	Article-No.
500 ml	18	02.4651.500
750 ml	15	02.4651.750



ACTO® EDELSTAHL

Cleaning and Maintenance Spray for Steel Surface

- ✓ Contains medical paraffin oil
- ✓ Provides brightness on steel surfaces
- ✓ Suitable for instrument maintenance and cleaning
- ✓ Prevents corrosion
- ✓ Silicone-free
- ✓ Antistatic
- ✓ Suitable for frequent use

Acto® Edelstahl is a spray for maintenance and protection of steel surfaces. Cleans surfaces without scratching.

Provides brightness in the area where it is used. Has antistatic action. Prevents corrosion and is suitable for frequent use.

Used on large steel surfaces in hospitals, industrial kitchens and food establishments.

Chemical Composition:

DAB grade paraffin oil, < 5 % nonionic surfactant, volatile gas propane and butane.

Packaging		
Unit	Pieces in Box	Article-No.
400 ml	12	03.5003.400



ACTOSTEEL®

Rust and Corrosion Remover

- ✓ Contains phosphoric acid
- ✓ An effective rust and corrosion remover
- ✓ Prevents darkening and discoloration of medical instruments
- ✓ Removes stains caused by sterilization
- ✓ A concentrated product
- ✓ Suitable for use manually and with ultrasonic washing machine

Actosteel® removes stains, corrosion and rust occurring on medical instruments. Can eliminate the corrosion caused by poor quality water and sterilization steam.

Used to remove rust and corrosion on stainless steel instruments. Provides neutralization of alkali residues on medical instruments. Eliminates possible lime formation. Suitable for use manually and with ultrasonic washing machine.

Chemical Composition:

100 g contains: > 30 g phosphoric acid, < 5 g nonionic surfactant, corrosion inhibitor and auxiliary substances.

Concentration of Use		
Concentration Ratio	Amount of Water	Product Quantity
0.5 %	1000 ml	5 ml
0.3 %	1000 ml	3 ml

Packaging		
Unit	Pieces in Box	Article-No.
1 L	14	02.0901.1



ACTO® OIL SPRAY SF

Instrument Maintenance Oil

- ✓ Contains medical paraffin oil
- ✓ Suitable for instrument maintenance prior to steam sterilization
- ✓ Silicone-free
- ✓ Provides optimal lubrication of moving instrument parts
- ✓ Prevents corrosion
- ✓ Resistant up to 200 °C
- ✓ Suitable for frequent use

Acto® Oil Spray SF is a silicone-free maintenance spray. Forms a thin layer of protection on the instruments and extends the life of the instruments by providing joint care of the medical instruments. Does not damage the instruments. Prevents formation of corrosion in regular use. Suitable for use as frequent as desired. Does not prevent sterilization after spraying. Resistant to temperatures up to 200 °C.

Chemical Composition:

DAB grade paraffin oil, < 5 % nonionic surfactant, volatile gas propane and butane.

Used for the lubrication and maintenance of medical and surgical instruments, endoscopes, surgical and dental instruments made of steel, scissors, forceps and instruments with movable joints.

Packaging		
Unit	Pieces in Box	Article-No.
400 ml	12	03.4903.400





Chemical Composition:

Didecylmethylpoly (oxyethyl) ammoniumpropionate, nonionic surfactant, phosphoric acid, enzyme (Protease, Lipase), corrosion inhibitor and auxiliary substances.

ACTOCLEAN® CEMENT

Enzyme-Based Ready-to-Use Cleaner for Medical Instruments - Cement Solvent

- ✓ Ready-to-use
- ✓ Has strong cleaning feature due to enzyme content
- ✓ Used for removal of cement and alginate residues
- ✓ Provides cleaning and maintenance of instruments
- ✓ Bacteriostatic
- ✓ Suitable for use with manual and ultrasonic washing device
- ✓ Gives fast and excellent results in ultrasonic devices

Actoclean® Cement is a multi-purpose instrument cleaning, replacement and maintenance solution. Suitable for cleaning and maintenance of stainless steel surgical instruments used in medical fields. Ensures the removal of inorganic impurities such as alginate, cement residue deposited on dental instruments. Cleans residues on instruments with no need for penetration into gaps with brush. Has bacteriostatic efficacy. Suitable for daily use.

Used for cleaning and maintenance of all surgical and medical instruments as well as aerators, burs, dental surgical materials used in dentistry. Can be used in ultrasonic washing machines and manually.

Packaging		
Unit	Pieces in Box	Article-No.
2 L	9	02.3404.2
5 L	4	02.3404.5



ACTODENT® SPRAY

Turbine Maintenance Spray

- ✓ Used for turbine maintenance
- ✓ Also used for maintenance and lubrication of dental instruments
- ✓ Contains medical paraffin oil
- ✓ Non-toxic
- ✓ Antistatic
- ✓ Resistant up to 200 °C
- ✓ Suitable for frequent use

Actodent® Spray is an anti-corrosion spray that provides turbine maintenance. Has antistatic action. Suitable for frequent use.

Actodent® Spray is a maintenance and lubrication spray used for medical and surgical instruments, turbines as well as their heads. Suitable for use before sterilization, no rinsing required.

Chemical Composition:

DAB grade paraffin oil, volatile gas propane and butane.

Packaging		
Unit	Pieces in Box	Article-No.
400 ml	12	03.7403.400



ACTODENT® BOHRERBAD

Dental Instrument and Dental Disinfectant

- ✓ Suitable for all dental instruments especially for dental bur
- ✓ Has high material compatibility
- ✓ Has bactericidal yeasticidal, mycobactericidal and virucidal action
- ✓ Free of aldehyde and phenol
- ✓ A ready-to-use product
- ✓ Suitable for use manually and with ultrasonic washing machine

Actodent® Bohrerbad is a ready-to-use disinfectant for disinfection of medical instruments, particularly dental instruments. Contains anti-corrosion agents. Used for pre-cleaning and disinfection of dental instruments with high cleaning power. Free of aldehyde and phenol.

Actodent® Bohrerbad is used for cleaning and disinfection of dental bur used in dentistry as well as dental surgical and laboratory materials. Has a wide material compatibility including steel, glass, porcelain, ceramic and metal. Suitable for use manually and with ultrasonic washing machine.

Chemical Composition:

100 g contains: 0.59 g of Bis (3-aminopropyl) dodecylamine, 0.72 g of Didecylmethylpoly (oxyethyl) ammoniumpropionate and auxiliary substances.

Packaging		
Unit	Pieces in Box	Article-No.
2 L	9	01.0501.2

Microbiological Activity	Test Method	Concentration	Effect Time
Bactericidal	EN 14561	Ready-to-use	15 min.
Yeasticidal (<i>C. albicans</i>)	EN 14562	Ready-to-use	15 min.
Tuberculocidal Mycobactericidal	EN 14563	Ready-to-use	30 min.
Virucidal	HBV, BHV, BRV	Ready-to-use	15 min.



ACTOTON® A

Alkaline Cleaning Solution for Washer Disinfectors

- ✓ Alkaline liquid cleaner
- ✓ Used in all washer-disinfector devices
- ✓ Does not damage machine parts and tools
- ✓ Effective in low concentration
- ✓ Can be used in different water hardness

It is an alkaline cleaner for cleaning medical devices with washer-disinfectors. Can be safely used in washer disinfectors capable of thermal disinfection at 93 °C.

Provides thorough and residue-free cleaning Suitable for use in different water hardness grades. Contains corrosion inhibitors. Can be used safely in any brand of washer-disinfector.

Chemical Composition:

Potassium hydroxide, complexing agents, corrosion inhibitors.

Packaging		
Unit	Pieces in Box	Article-No.
5 L	3	04.4301.5

**Chemical Composition:**

Phosphoric acid and solvent.

ACTOTON® SN

Neutralization Solution for Washer Disinfectors

- ✓ Phosphoric acid-based ✓ Provides neutralization of alkali residues
- ✓ Can be used in all washer-disinfectors ✓ Does not damage machine parts and tools ✓ Contains corrosion inhibitors

Liquid for washer-disinfectors is neutralization solution containing organic acid. It is used for neutralization of alkali residues after main washing process. It provides removal of lime formed. Suitable for use in all washers and disinfectors.

Paketleme

Birim	Koli İçi Adet	Artikel-No.
5 L	3	04.1501.5

**Chemical Composition:**

Citric acid monohydrate, 2-Propanol, nonionic surfactants and excipients.

ACTOTON® C

Neutralization Solution for Washer Disinfectors

- ✓ Citric acid-based ✓ Provides neutralization of alkali residues
- ✓ Can be used in all washer-disinfectors ✓ Does not damage machine parts and tools ✓ Contains corrosion inhibitors

Actoton® C is used for the neutralization of medical and surgical instruments and heat-resistant materials after alkaline washing. It contains citric acid to remove the alkali residues formed in the machine after washing. **Actoton® C** is suitable for stainless steel, plastic, rubber, latex, laboratory glass and ceramic materials.

Packaging

Unit	Pieces in Box	Article-No.
5 L	3	04.1301.5

**Chemical Composition:**

Medical paraffin oils and non-ionic surfactants.

ACTOTON® M

Instrument Maintenance Oil for Manual Use and Washer Disinfectors

- ✓ Contains medical paraffin ✓ Suitable for instrument maintenance prior to steam sterilization ✓ Provides optimal lubrication of moving instrument parts ✓ It prevents wear and extends life of instruments ✓ It is economical and saves time ✓ Suitable for manual and machine use

Actoton® M is used for manual and machine maintenance of surgical instruments. Provides joint maintenance of medical instruments by creating a thin protective layer on the instruments.

Does not damage the instruments. Saves time because it does not require additional processing. Suitable for use in all washer disinfectors.

Packaging

Unit	Pieces in Box	Article-No.
5 L	3	04.1701.5





ACTODIACIT®

Hemodialysis Device Disinfectant

- ✓ Used for thermochemical disinfection
- ✓ Contains citric acid
- ✓ Provides one-step disinfection and decalcification
- ✓ Has bactericidal (including Tbc), yeasticidal and virucidal action
- ✓ 100 % degradable, environment friendly
- ✓ Suitable for use on all hemodialysis devices

Actodiactit® breaks down calcium carbonate and removes blood residues. Used for thermochemical disinfection and decalcification in hemodialysis devices working with volumetric system. 100 % biodegradable and non-toxic. Does not contain color and odor substances. Suitable for use on all hemodialysis devices.

Chemical Composition:

100 g contains: 21 g Citric acid, lactic acid, malic acid and excipients.

Packaging		
Unit	Pieces in Box	Article-No.
5 L	3	01.3702.5

Microbiological Activity	Test Method	Concentration	Effect Time
Bactericidal (Including MRSA, VRE)	EN 13727 EN 14561	1 %	10 min.
Yeasticidal (<i>C. albicans</i>)	EN 13624 EN 14562	1 %	10 min.
Tuberculocidal	EN 14348 EN 14563	1 %	10 min.
Virucidal (Parvovirus)	EN 14476	5 %	10 min.



ACTODIACIT® PA

Disinfectant with Peracetic Acid for Hemodialysis Machines

- ✓ Contains Peracetic Acid
- ✓ Provides one-step disinfection and decalcification
- ✓ Has bactericidal mycobactericidal, yeasticidal, virucidal and sporicidal
- ✓ 100 % degradable, environment friendly
- ✓ Suitable for use on all hemodialysis devices

Actodiactit® PA is used for highly effective disinfection and decalcification purposes in hemodialysis devices with volumetric system and open system. Performs disinfection at body temperature. It is blood dissolver and descaler.

Biodegradable. Suitable for use on all hemodialysis devices.

Chemical Composition:

100 g contains: ≤ 10% Peracetic acid and hydrogen peroxide, corrosion inhibitors and excipients.

Packaging		
Unit	Pieces in Box	Article-No.
5 L	3	01.8305.5

Microbiological Activity	Test Method	Concentration	Effect Time
Bactericidal	EN 13727 EN 14561	1 %	10 min.
Yeasticidal (<i>C. albicans</i>)	EN 14562	1 %	10 min.
Tuberculocidal, Mycobactericidal	EN 14563	1 %	10 min.
Virucidal (Adeno, Polio, MNV)	EN 14476	1 %	10 min.
Sporicidal	EN 13704	3 %	10 min.





Plastic Dispenser

Packaging

Single Unit	Packaging Unit	Article-No.
1000 ml	10	10.0010.1



Plastic Dispenser (Covered)

Packaging

Single Unit	Packaging Unit	Article-No.
1000 ml	1	10.0011.1



Steel Dispenser

Packaging

Single Unit	Packaging Unit	Article-No.
500 ml	1	10.0006.500
1000 ml	1	10.0006.1



Steel Dispenser - Touchless

Packaging

Single Unit	Packaging Unit	Article-No.
1000 ml	1	10.5500.1



Disinfection Station Table

Packaging

Single Unit	Packaging Unit	Article-No.
1000 ml	1	10.6040.1



Disinfection Bath 3 L

Packaging

Single Unit	Packaging Unit	Article-No.
3 L	1	10.0004.3
Dimensions		
300x190x115 cm		



Disinfection Bath 5-10 L

Packaging

Single Unit	Packaging Unit	Article-No.
10 L	1	10.2192.10
Dimensions		
390x290x170 cm		



Disinfection Bath 30 L

Packaging

Single Unit	Packaging Unit	Article-No.
30 L	1	10.2202.30
Dimensions		
700x300x180 cm		



Dosage Aids



**Dosage Pump 10 ml
for 2 L & 5 L
Products**

Article-No.
10.0002.1



**Dosage Pump 30 ml
for 2 L & 5 L
Products**

Article-No.
10.2172.1



**Dosage Pump
for 500 ml &
1 L Products**

Article-No.
10.2252.1



**3 ml Dosage Pump
for 500 ml & 1 L
Products**

Article-No.
10.3405



**Dosage Pump
for 500 ml & 1 L
Products**

Article-No.
10.3265



**Dosage Pump
for 500 ml & 1 L
Products**

Article-No.
10.3435

Spray Head



**Finger Spray
for 50 ml, 100 ml &
250 ml Products**

Article-No.
10.3455



**Foam Trigger Pump
for 500 ml,
750 ml & 1 L Products**

Article-No.
10.2152.1



**Spray Pump
for 500 ml, 750 ml & 1 L
Products**

Article-No.
10.2142.1

Dosage Table

	0.25 %	0.5 %	1 %	2 %	3 %
1 Liter	2.5 ml	5 ml	10 ml	20 ml	30 ml
5 Liter	12.5 ml	25 ml	50 ml	100 ml	150 ml
10 Liter	25 ml	50 ml	100 ml	200 ml	300 ml
20 Liter	50 ml	100 ml	200 ml	400 ml	600 ml
30 Liter	75 ml	150 ml	300 ml	600 ml	900 ml

Our Certificates



ISO 9001:2015
Quality Management System



ISO 13485:2016
Quality Management System
for Medical Device



CE 93/42/EEC
Full Quality Assurance System



Notes:



Hand and Skin Antiseptics	Floor and Surface Disinfectants	Alcohol-Based Rapid Surface Disinfectants	Non-Alcohol Rapid Surface Disinfectants	Hydrogen Peroxide Base Surface Disinfectants
1. ACTODERM® 06.2501 <i>Biocidal</i>	1. ACTOSAL® PA POWDER 05.1036 <i>Biocidal</i>	1. ACTOSEPT® AF 05.2301 <i>CLASS IIa</i>	1. ACTOANID® SPRAY 05.1230 <i>CLASS IIa</i>	1. ACTO® OXY FOAM 05.5710 <i>CLASS IIa</i>
2. ACTODERM® GEL %70 06.1157 <i>Biocidal</i>	2. ACTOANID® FLÄCHE 05.2001 <i>Biocidal</i>	2. ACTOSEPT® AF TÜCHER 05.3101 <i>CLASS IIa</i>	2. ACTOANID® WIPES 05.1210 <i>CLASS IIa</i>	2. ACTO® OXY WIPES 05.5300 <i>CLASS IIa</i>
3. ACTODERM® GEL PLUS 06.4859 <i>Biocidal</i>	3. ACTOSAL® FLÄCHE AF 05.5502 <i>Biocidal</i>	3. ACTOSEPT® AF CITRUS 05.2401 <i>CLASS IIa</i>		
4. ACTODERMANOL® 06.1046 <i>Biocidal</i>	4. ACTOSEPT® AF New 05.2242 <i>Biocidal</i>	4. ACTOSEPT® AF PLUS 05.4849 <i>CLASS IIa</i>		
5. ACTODERMANOL® GEL %80 06.5990 <i>Biocidal</i>	5. ACTOANID® FLÄCHE New 05.2232 <i>CLASS IIa</i>			
6. ACTOMAN® PLUS 06.1188 <i>Biocidal</i>	6. ACTOSAL® FLÄCHE AF New 05.2222 <i>CLASS IIa</i>			
	7. ACTO® OXY AIR 05.4949 <i>Biocidal</i>			





Disinfectant Product Group Category List

High-Level Medical Device Disinfectants

1. ACTOSED® OPA

01.2323

CLASS IIb

2. ACTOSED® FORTE READY

01.0303

CLASS IIb

3. ACTOSED® PA SOLUTION

01.9305

CLASS IIb

4. ACTOSED® PA POWDER

01.9605

CLASS IIb

5. ACTOSED® HP READY

01.7303

CLASS IIb

Endoscopes and Medical Device Cleaning and Care Products

1. ACTOSED® ENDO

01.0101

CLASS IIb

2. ACTOSED® ENDO TERRA

01.4702

CLASS IIb

3. ACTOSED® ENDO READY

01.8203

CLASS IIb

4. ACTOSED® ENZYM

01.7603

CLASS IIb

Endoscopes and Medical Device Disinfectants

1. ACTOCLEAN® PERFECT

02.1016

CLASS IIb

2. ACTOCLEAN® FLÜSSIG

02.0801

CLASS IIb

3. ACTO® ENZY FOAM

02.4651

CLASS I

4. ACTOSTEEL®

02.0901

CLASS I

5. ACTO® OIL SPRAY SF

03.4903

CLASS I

6. ACTO® EDELSTAHL

03.5003

CLASS I

Automatic Washing and Disinfection Machine Products

1. ACTOTON® A

04.4301

CLASS I

2. ACTOTON® SN

04.1501

CLASS I

3. ACTOTON® C

04.1301

CLASS I

4. ACTOTON® M

04.1701

CLASS I

Hemodialysis Device Disinfectants

1. ACTODIACIT®

01.3702

CLASS IIa

2. ACTODIACIT® PA

01.8305

CLASS IIa



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