

Hygiene & Disinfection in Dialysis Clinics



*Purity in Every Drop
Effective, Quality and Consistent Products*

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GBL Gül Biyoloji Laboratuvarı

A trusted domestic manufacturer delivering reliable solutions for dialysis clinics since 1990.

- **Founded:** 1990, by Dr. Sait Hulusi Özbudun
- **Scope of Activity:**
 - Medical Device Disinfectants and Cleaners
 - Biocidal Products: Type I and Type II.
 - Laboratory Diagnostic Products
- **Quality Certifications:** ISO 13485:2016, ISO 9001:2015, ISO 22716:2007, ISO 10002:2018, ISO 45001:2018, ISO 14001:2015
- **Certifications & Licenses:** MDR Class IIa and IIb Certificates, Ministry of Health Biocidal Product Licenses
- **Export:** Regular exports to more than 20 countries worldwide



Our Values

- Commitment to universal standards
- Production and quality control respecting fundamental sciences
- Long-term business partnerships

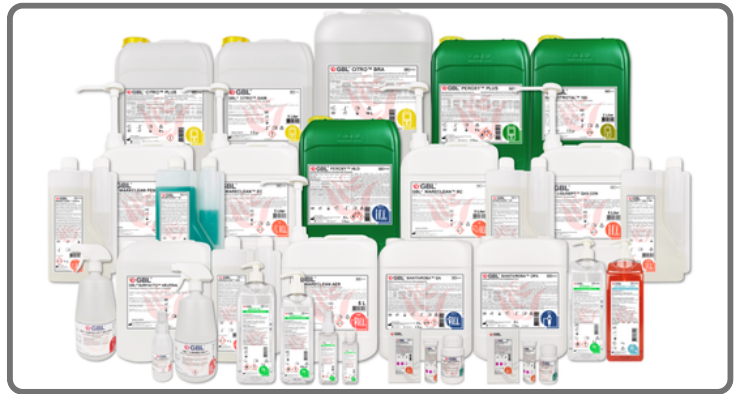
Our Principle

"Societies that want to live comfortably without working, tiring and producing are doomed to lose first their dignity, then their freedom, then their independence and their future."



Best regards,

Mustafa Çetin Özbudun
General Manager



More than 30 different formulae

Our Team

A team of expert chemists and biologists specialized in their respective fields

- Manufacturing in compliance with current regulations
- Innovative R&D activities
- A disciplined, systematic, and solution-oriented approach
- Commitment to maintaining the highest level of customer satisfaction



Documentation Management



- **Certificates of Analysis (CoA):** Verification of active ingredients, pH values, and microbiological efficacy
- **Safety Data Sheets (SDS):** Compliant with the REACH regulation
- **Instructions for Use (IFU):** Prepared in compliance with MDD/MDR requirements for CE-marked products
- **Recovery Test Reports:** Prepared according to EN and ISO standards
- **Marketing Documents:** Various catalogues, brochures, posters and product lists

Process Management

Since 1990, GBL Gül Biyoloji Laboratuvarı has managed its operations through planned, traceable, and transparent processes. During quotation and order confirmation, technical, logistical, and quality requirements are clearly defined. Production, quality control, and shipment comply with GMP principles and ISO standards. Customer feedback is systematically evaluated, and solutions are communicated transparently. Through continuous improvement, we enhance our processes, maintaining our position as a reliable, customer-oriented business partner.



Our Quality Certificates

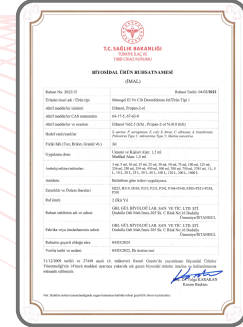
Our manufacturing processes are based on national and international certifications relevant to our operations and products. These certifications serve as the foundation of our commitment to full regulatory compliance, transparency throughout the supply chain, and consistent product quality. Below are the certifications and documents we hold within this scope.



CE Declaration



MDD CE Certificate



Biocidal Product Licences



ISO 13485:2016 - Medical Devices - Quality Management System



ISO 9001:2015 Quality Management System



GMP ISO 22716:2007 Good Manufacturing Practice



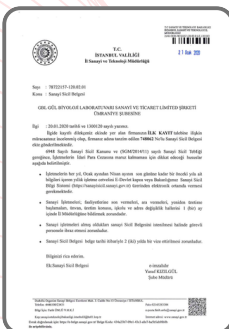
ISO 10002:2018 - Customer Satisfaction and Complaints Management System



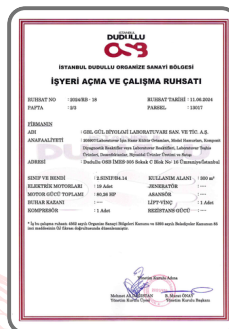
ISO 45001:2018 Occupational Health and Safety Management System



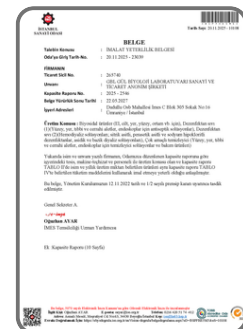
ISO 14001:2015 Environmental Management System



Ministry of Science, Industry and Technology: Industrialist Registry Certificate



Non-Sanitary Establishment License by Dudullu Organized Industrial Zone Authority



Manufacturing Competency Certificate by Istanbul Chamber of Industry

Our Production Capacity

- High-capacity reverse osmosis water system
- 6-ton mixing and preparation tanks
- Automated filling and labeling machines
- JIT (Just-in-Time) production technique: order-based manufacturing with rapid delivery

Annual Production Capacity by Packaging Type (Single Shift)

- 100 ml → 2.500.000 units
- 250 ml → 2.400.000 units
- 500 ml → 2.200.000 units
- 1.000 ml → 1.800.000 units
- 5.000 ml → 750.000 units

Our Export Products

- Medico-surgical instrument cleaners
- Endoscope high-level disinfectants
- Dialysis machine disinfectants
- Biocidal products Type 1 and Type 2
- Microscopy stains, staining kit and reagents
- Chemical reagents for analytical labs

More Information

- **Disinfectants Product Group Website:** dezenfeksiyon.gbl.com.tr
- **Corporate Website:** gbl.com.tr



Disinfectant Product Group Trademarks

	GBL® CITRO™ PLUS BRA GAM • 6106 • 6102 • 6105 Citric acid based disinfectants for dialysis machines		
	GBL® PEROXY™ PLUS PLUS LIGHT LIGHT PLUS RP • 6123 • 6126 • 6131 • 6127 Peracetic acid based disinfectants for dialysis machines		
	GBL® MANO™ CHOL GEL HEX SOAP CHX2 • 6215 • 6085 • 6163 • 6162 Skin and hand disinfectants		
	GBL® SURFACTO™ EP-60 NEUTRAL QAS • 6019 • 6009 • 6007 Surface cleaner disinfectants; ready-to-use		
	GBL® LUTARO CON • 6012 Floor cleaner disinfectant; concentrated		
	GBL® ROSA-STRIP PAA PAA RES • 7004 • 7005 Test strips for peracetic acid formulae		
	GBL® AQUA-ROSA HD • 7013 Water analysis kit		

Label Guide

GBL®
CITRO™ PLUS

REF 6106

Hemodialysis Machine Disinfectant; Citric Acid 21%

Intended Use: Thermochemical disinfectant for hemodialysis machines with proportional mixing system and recirculation function.

Composition: Citric acid (Lemon acid)(21%), Lactic acid (2.5%), Malic acid (2.5%), preservative and RO water.

Microbiological Properties:

Effect	Standard	Microorganisms (ATCC)	Contact Time	Concentration of use	Test Conditions
Bactericidal	EN 14561	Enterococcus hirae 10541 Pseudomonas aeruginosa 15442 Staphylococcus aureus 6538	5 minutes	1:25	Dirty Conditions
	EN 13727	Enterococcus faecium 6057	20 minutes	Ready-to-use	Dirty Conditions
Fungicidal	EN 14562	Aspergillus brasiliensis 16404 Candida albicans 10231	5 minutes	1:25	Dirty Conditions
Mycobactericidal	EN 14563	Mycobacterium terrae 15755	20 minutes	1:25	Dirty Conditions
Sporicidal	AQAC	Bacillus spizizenii 6433	20 minutes	1:20	Clean Conditions
Virucidal	EN 14476+A1	Murine Parvovirus, minute virus of mice, strain Crawford, ATCC VR-1346	60 minutes	1:24	Clean Conditions

Warnings: Causes serious eye irritation. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

Stability and Storage: Product; in the shade, in the original packaging, the package should be kept tightly closed and in a well-ventilated environment.

MADE IN TÜRKİYE

GBL Gül Biyoloji Laboratuvarı Sanayi ve Ticaret Anonim Şirketi
Dudullu OSB Mh. İMES C Blok 305 Sk. No:16
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CE 1984

Rev. No: 430106025000-00
Rev. Date: 04.04.2024

5 Liter

CA 21

3 M

HDPE

LOT

Barcode: 8 698 619 761 065

- | | |
|--------------------------------------|------------------------------|
| 1) Trademark | 12) Recycling number |
| 2) Product name | 13) Batch number |
| 3) Ref number | 14) Production date |
| 4) Intended use | 15) Expiration date |
| 5) Product composition | 16) Product volume |
| 6) Microbiological properties | 17) Hazard symbols |
| 7) Warnings | 18) Ean-13 barcode no |
| 8) Stability and storage | 19) Manufacturer information |
| 9) Expiry date after opening the lid | 20) Notified body number |
| 10) Storage temperature | 21) Label revision info |
| 11) See user manual | 22) Trademark symbol |

The Importance of Choosing the Right Disinfectant for Hemodialysis Devices

Effective disinfection of dialysis machines is essential for patient safety, device performance, and long-term operational efficiency. As dialysis technologies continue to advance, cleaning and hygiene standards have become increasingly important, particularly in applications involving high-performance membranes and online hemodiafiltration systems.

Selecting the appropriate disinfectant and applying it correctly are key factors in maintaining reliable and safe dialysis processes. Products used for dialysis machine disinfection should offer proven effectiveness, material compatibility, and safe handling characteristics. Proper dosage, adequate rinsing, residue control, and regular staff training all play an important role in achieving consistent hygiene standards.

GBL Gül Biyoloji Laboratuvarı has been manufacturing disinfectants for hemodialysis machines since 2000 and offers a comprehensive range of products for hemodialysis centers.

All production processes are managed in accordance with ISO 9001:2015 and ISO 13485:2016 quality management systems and are regularly audited. In addition, strict quality control procedures, including microbiological efficacy testing in line with European norms, are carried out in our laboratory.



Designed specifically for hemodialysis applications, our products feature DIN 51 compliant container neck and cap designs, providing safe and user-friendly handling. Our products have been used in the Turkish market for many years, and strong references can be shared upon request.



6106 CITRO™ PLUS

Hemodialysis Machine Disinfectant; Citric Acid 21%

Thermochemical disinfectant for hemodialysis machines with proportional mixing system and recirculation function.

Ingredients

Citric acid (lemon acid) (21%), lactic acid (2.5%), malic acid (2.5%), preservative and RO water.

Features

- Dissolves blood residue.
- Perfectly removes CaCO₃.
- Disinfection and decalcification in one process.
- Biodegradable, non-toxic.
- Does not contain aldehydes or phenols.
- Active ingredients composed of natural substances.
- Colorless; almost odorless.
- Safe for health and the environment.
- Very high material compatibility.

Microbiological Properties

Effect	Standard	Contact Time	Concentration of Use
Bactericidal	EN 14561	5 minutes	1:25
	EN 13727		
Fungicidal	EN 14562	5 minutes	1:25
	EN 13624		
Mycobactericidal	EN 14563	20 minutes	1:25
Sporicidal	EN 13704	30 minutes	1:25
Virucidal	EN 14476:2025	60 minutes	1:25

Instruction

GBL® CITRO™ PLUS decalcification at 37°C provides disinfection at 84°C.

- Refer to the device user manual for devices with a cleaning and disinfection program.
- Concentrate is diluted with water produced for hemodialysis devices at a ratio of 1:24 (1 to 4 cleaning programs).
- It is used by pulling the hemodialysis device automatically from the disinfection pipette.

• **Decalcification (removal of calcium deposits):** (Water temperature in the cleaning program: 37°C)

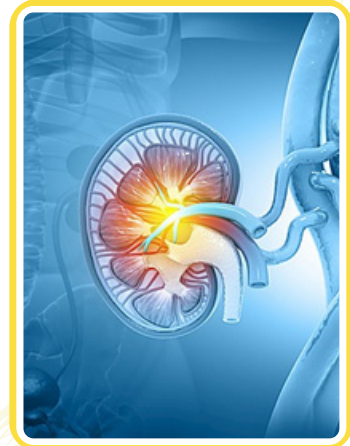
The main active ingredient: Citric acid monohydrate. Active concentration: approx. 0,8% (delimited)

• **Disinfection:** (Water temperature in the cleaning program: 84°C)

The main active ingredient: Citric acid monohydrate. Active concentration: approx. 0,8% (delimited)

- If there is no disinfection program in the hemodialysis device, the disinfection process should be done at 84°C (water temperature in the cleaning program: 84°C) for at least 20 minutes after the thermal cleaning process and a closed system washing with distilled water for at least 10 minutes.

To be used according to the device manual at elevated temperatures only.



Packaging Information

1 Carton: 5 L HDPE; Jerrycan 51 mm Cap x 4

1 Pallet: 45 Cartons / 180 Jerrycans

Order No: 436106035000

1 Carton: 5 L HDPE; Jerrycan 38 mm Cap x 4

1 Pallet: 45 Cartons / 180 Jerrycans

Order No: 436106015000



6102 CITRO™ BRA

Hemodialysis Machine Disinfectant; Citric Acid 50%

It is an invasive medical device disinfectant used for cleaning, thermochemical disinfection, decalcification, removal of inorganic and organic residues in hemodialysis devices and for preventing the risks that may occur on behalf of patients.

Ingredients

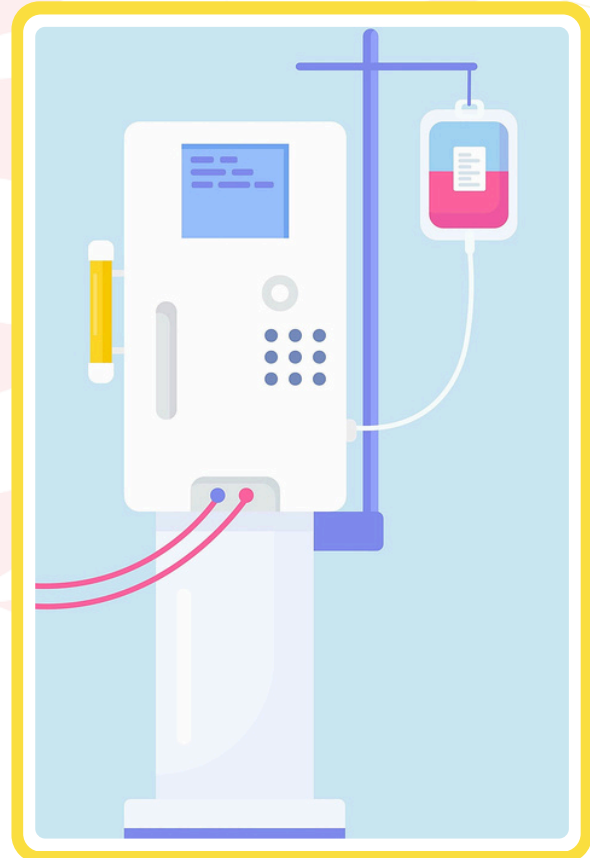
Citric acid (lemon acid) (50%), preservative and RO water.

Features

- ✿ Outstanding disinfectant activities.
- ✿ Dissolves blood residue.
- ✿ Perfectly removes CaCO₃.
- ✿ Disinfection and decalcification in one process.
- ✿ Biodegradable, non-toxic.
- ✿ Does not contain aldehydes or phenols.
- ✿ Safe for health and the environment.
- ✿ Very high material compatibility.

Microbiological Properties

Effect	Standard	Contact Time	Concentration of Use
Bactericidal	EN 14561	5 minutes	1:25
	EN 13727		
Fungicidal	EN 14562	5 minutes	1:25
	EN 13624		
Mycobactericidal	EN 14563	20 minutes	1:25
Sporicidal	EN 13704	15 minutes	1:25
Virucidal	EN 14476:2025	60 minutes	1:25



Instruction

Ready to use product. It is used automatically from the disinfection suction pipette of hemodialysis machine.

Packaging Information

1 Carton: 5 L HDPE; Jerrycan 51 mm Cap x 4

1 Pallet: 45 Cartons / 180 Jerrycans

Order No: 436102035000

1 Carton: 5 L HDPE; Jerrycan 38 mm Cap x 4

1 Pallet: 45 Cartons / 180 Jerrycans

Order No: 436102015000

1 Carton: 10 L HDPE; Jerrycan 38 mm Cap x 2

1 Pallet: 54 Cartons / 108 Jerrycans

Order No: 436102250010



6105 CITRO™ GAM

Hemodialysis Machine Disinfectant; Citric Acid 30%

It is an invasive medical device disinfectant used for cleaning, thermochemical disinfection, decalcification, removal of inorganic and organic residues in hemodialysis devices and for preventing the risks that may occur on behalf of patients.

Ingredients

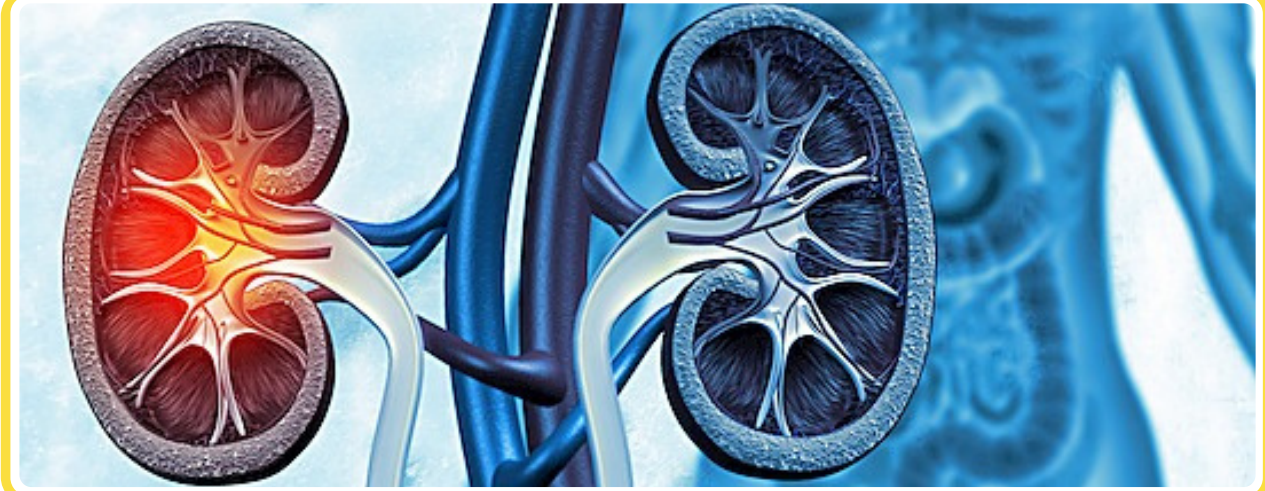
Citric acid (lemon acid) (30%), preservative and RO water.

Features

- High disinfection activity
- Dissolves blood residue.
- Perfectly removes CaCO₃.
- Disinfection and decalcification in one process.
- Biodegradable, non-toxic.
- Active ingredients composed of natural substances.
- High material compatibility.
- Safe for health and the environment.

Microbiological Properties

Effect	Standard	Contact Time	Concentration of Use
Bactericidal	EN 14561	5 minutes	1:25
	EN 13727		
Fungicidal	EN 14562	5 minutes	1:25
	EN 13624		
Mycobactericidal	EN 14563	20 minutes	1:25
Sporicidal	EN 13704	15 minutes	1:25
Virucidal	EN 14476:2025	60 minutes	1:25



Instruction

Ready to use the product. In the case of dilution, the microbiological effects may be reduced or eliminated. It is used automatically from the disinfection suction pipette of the hemodialysis machine.

Packaging Information

1 Carton: 5 L HDPE; Jerrycan 51 mm Cap x 4

1 Pallet: 45 Cartons / 180 Jerrycans

Order No: 436105035000

1 Carton: 5 L HDPE; Jerrycan 38 mm Cap x 4

1 Pallet: 45 Cartons / 180 Jerrycans

Order No: 436105015000



6123 PEROXY™ PLUS

Hemodialysis Machine Disinfectant; Peracetic Acid 3,5%

It is an invasive medical device disinfectant used in hemodialysis devices for cleaning, cold disinfection, decalcification, removal of inorganic and organic residues, and prevention of risks that may occur on behalf of patients.

Ingredients

Peracetic acid solution (PAA) (3,5%), hydrogen peroxide, acetic acid, stabilizer, and RO water.

Features

-  Broad-spectrum microbiological activity at low concentrations and with short exposure times.
-  Biodegradable, non-toxic.
-  Low pH easily achieves decalcification.
-  Rinses off easily with water after use. (Use AAMI-grade water for dilution and rinsing.)
-  Safe for health and the environment.

Instruction

Dilution: For devices with a disinfection and cleaning program, the device user manual should be consulted.

Hemodialysis Devices Maximum Dilution Ratio: Can be diluted at a ratio of 1+24. Accessories Disinfection: Can be diluted at a ratio of 1:100. If diluted more, microbiological effects may decrease or disappear.

- **For devices with a cleaning and disinfection program, refer to the device user manual.**
- The concentrate is diluted with water produced for hemodialysis devices at a ratio of 1+24 (The relevant program for the device in use).
- It is used by automatically drawing from the disinfection pipette of the hemodialysis device.

- **Decalcification (removal of calcium deposits): (Water temperature in the cleaning program: 37°C)**

Active main ingredient: Peracetic acid. Active concentrated substance: approx. 0.15% (diluted)

- **Disinfection: (Water temperature in cleaning program: 37°C).** Active main ingredient: Peracetic acid. Active concentrated substance: approx. 0.15% (diluted)

Active substance MEC (minimal effective concentration) "Ref no: 7004 GBL® ROSA-STRIP PAA" peracetic acid is checked daily with MEC strips.

After storage and before the dialysis machine is flushed and put into clinical use, a test for the presence of GBL® PEROXY™ PLUS must be performed using "Ref no: 7005 GBL® ROSA-STRIP PAA RES" peracetic acid residue test strips.

All drums are sealed with vented lids to prevent excessive pressure build-up. These lids must not be modified or replaced with other lids. Please store in an upright position.

Microbiological Properties

Effect	Standard	Contact Time	Concentration of Use	
			Device	Manual
Bactericidal	EN 14561	5 minutes	1:25	1:100
	EN 13727	1 minute	1:25	1:100
Fungicidal	EN 14562	5 minutes	1:25	1:100
	EN 13624			
Mycobactericidal	EN 14563	5 minutes	1:25	1:100
Sporicidal	EN 13704	30 minutes	1:25	1:100



Packaging Information

1 Carton: 5 L HDPE; Jerrycan 51 mm Cap x 2

1 Pallet: 90 Cartons / 180 Jerrycans

Order No: 436123045000



6126 PEROXY™ PLUS LIGHT

Hemodialysis Machine Disinfectant; Peracetic Acid 1,8%

It is an invasive medical device disinfectant used in hemodialysis devices for cleaning, cold disinfection, decalcification, removal of inorganic and organic residues, and prevention of risks that may occur on behalf of patients.

Ingredients

Peracetic acid solution (1,8%), hydrogen peroxide, acetic acid, stabilizer and RO water.

Features

- 🔥 Broad-spectrum microbiological activity at low concentrations and with short exposure times.
- 🔥 Biodegradable, non-toxic.
- 🔥 Low pH easily achieves decalcification.
- 🔥 Rinses off easily with water after use. (Use AAMI-grade water for dilution and rinsing.)
- 🔥 Safe for health and the environment.

Instruction

- **Dilution:** Does not require manual dilution. It is automatically diluted in the cleaning/disinfection program of the device.
Hemodialysis Devices Maximum Dilution Ratio: Can be diluted at a ratio of 1+24. Accessories Disinfection: Can be diluted at a ratio of 1:100. If diluted more, microbiological effects may decrease or disappear.
 - **For devices with a cleaning and disinfection program, refer to the device user manual.**
 - The concentrate is diluted with water produced for hemodialysis devices at a ratio of 1+24 (The relevant program for the device in use).
 - It is used by automatically drawing from the disinfection pipette of the hemodialysis device.
- **Decalcification (removal of calcium deposits): (Water temperature in the cleaning program: 37°C).** Active main ingredient: Peracetic acid. Active substance concentration: approx. < 0.1% (diluted)
- **Disinfection: (Water temperature in cleaning program: 37°C).** Active main ingredient: Peracetic acid. Active substance concentration: approx. < 0.1% (diluted)
Active substance MEC (minimal effective concentration) "Ref no: 7004 GBL® ROSA-STRIP PAA" peracetic acid is checked daily with MEC strips.
After storage and before the dialysis machine is flushed and put into clinical use, a test for the presence of GBL® PEROXY™ PLUS must be performed using "Ref no: 7005 GBL® ROSA-STRIP PAA RES" peracetic acid residue test strips.
All drums are sealed with vented lids to prevent excessive pressure build-up. These lids must not be modified or replaced with other lids. Please store in an upright position.



Microbiological Properties

Effect	Standard	Contact Time	Concentration of Use	
			Device	Manual
Bactericidal	EN 14561	5 minutes	1:25	1:100
	EN 13727	1 minute	1:25	1:100
Fungicidal	EN 14562	5 minutes	1:25	1:100
	EN 13624	15 minutes	1:25	1:100
Mycobactericidal	EN 14563	5 minutes	1:25	1:100
Sporicidal	EN 13704	30 minutes	1:25	1:100

Packaging Information

1 Carton: 5 L HDPE; Jerrycan 51 mm Cap x 2

1 Pallet: 90 Cartons / 180 Jerrycans

Order No: 436126045000



6131 PEROXY™ LIGHT

Hemodialysis Machine Disinfectant; Peracetic Acid 0,9%

It is an invasive medical device disinfectant used in hemodialysis devices for cleaning, cold disinfection, decalcification, removal of inorganic and organic residues, and prevention of risks that may occur on behalf of patients.

Ingredients

Peracetic acid solution (PAA) (0,9%), hydrogen peroxide, acetic acid, stabilizing agents, and RO water.

Features

- Broad-spectrum microbiological activity at low concentrations and with short exposure times.
- Biodegradable, non-toxic.
- Low pH easily achieves decalcification.
- Rinses off easily with water after use. (Use AAMI-grade water for dilution and rinsing.)
- Safe for health and the environment.

Instruction

- Dilution:** Does not require manual dilution. It is automatically diluted in the cleaning/disinfection program of the device.

Hemodialysis Devices Maximum Dilution Ratio: Can be diluted at a ratio of 1+24. Accessories Disinfection: Can be diluted at a ratio of 1:100. If diluted more, microbiological effects may decrease or disappear.

- For devices with a cleaning and disinfection program, refer to the device user manual.**
- The concentrate is diluted with water produced for hemodialysis devices at a ratio of 1+24 (The relevant program for the device in use).
- It is used by automatically drawing from the disinfection pipette of the hemodialysis device.

- Decalcification (removal of calcium deposits): (Water temperature in the cleaning program: 37°C).** Active main ingredient: Peracetic acid. Active substance concentration: approx. < 0.1% (diluted)

- Disinfection: (Water temperature in cleaning program: 37°C).** Active main ingredient: Peracetic acid. Active substance concentration: approx. < 0.1% (diluted)

Active substance MEC (minimal effective concentration) "Ref no: 7004 GBL® ROSA-STRIP PAA" peracetic acid is checked daily with MEC strips.

After storage and before the dialysis machine is flushed and put into clinical use, a test for the presence of GBL® PEROXY™ PLUS must be performed using "Ref no: 7005 GBL® ROSA-STRIP PAA RES" peracetic acid residue test strips.

All drums are sealed with vented lids to prevent excessive pressure build-up. These lids must not be modified or replaced with other lids. Please store in an upright position.

Microbiological Properties

Effect	Standard	Contact Time	Concentration of Use	
			Device	Manual
Bactericidal	EN 14561	5 minutes	1:25	1:50
	EN 13727	1 minute	1:25	1:50
Fungicidal	EN 14562	5 minutes	1:25	1:50
	EN 13624	15 minutes	1:25	1:50
Mycobactericidal	EN 14563	5 minutes	1:25	1:50
Sporicidal	EN 13704	30 minutes	1:25	1:50



Packaging Information

1 Carton: 5 L HDPE; Jerrycan 51 mm Cap x 2

1 Pallet: 90 Cartons / 180 Jerrycans

Order No: 436131045000



6127 PEROXY™ PLUS RP

Cold Sterilant For Dialyzer Reprocessing

GBL® PEROXY™ PLUS RP is an invasive medical device disinfectant for the reuse of hollow fiber type dialyzers and for the in vitro cleaning and disinfection of dialysis equipment (e.g. kidney machines) and supplies (e.g. port caps) to prevent risks to patients.

Ingredients

Peracetic acid solution (PAA) (5%), hydrogen peroxide, acetic acid, stabilizer, and RO water.

Features

- Broad-spectrum microbiological activity at low concentrations and with short exposure times.
- Biodegradable, non-toxic.
- Low pH easily achieves decalcification.
- Rinses off easily with water after use. (Use AAMI-grade water for dilution and rinsing.)
- Safe for health and the environment.

Instruction

GBL® PEROXY PLUS™ RP is intended for dialyzer reprocessing. **GBL® PEROXY PLUS™ RP Cold Sterilant** maintains stability for 18 months when stored according to label directions.

GBL® PEROXY PLUS™ RP Cold Sterilant may be used for manual dialyzer reprocessing. Facilities practicing manual dialyzer reprocessing must independently validate their reprocessing protocols to establish safety and effectiveness according to ANSI/AAMI guidelines. Once diluted, the product must be used within 7 days.

GBL® PEROXY™ PLUS RP is indicated for in vitro cleaning and disinfection of hollow fiber type dialysis machines for dialysis machine reprocessing systems. **GBL® PEROXY™ PLUS RP** can also be used to disinfect dialysis equipment (e.g. kidney machines) and materials (e.g. port caps). The hollow fiber dialysis machine reprocessed and disinfected with **GBL® PEROXY™ PLUS RP** is filled with a proportionate amount of **GBL® PEROXY™ PLUS RP** (hydrogen peroxide and peroxyacetic acid). The proportioned **GBL® PEROXY™ PLUS RP** in the dialysis machine must be adequately and completely rinsed prior to clinical use.

Active substance MEC (minimal effective concentration) "Ref no: 7004 GBL® ROSA-STRIP PAA" peracetic acid is checked daily with MEC strips.

After storage and before the dialysis machine is flushed and put into clinical use, a test for the presence of GBL® PEROXY™ PLUS must be performed using "Ref no: 7005 GBL® ROSA-STRIP PAA RES" peracetic acid residue test strips.

All drums are sealed with vented lids to prevent excessive pressure build-up. These lids must not be modified or replaced with other lids. Please store in an upright position.

Microbiological Properties

Effect	Standard	Contact Time	Concentration of Use	
			Device	Manual
Bactericidal	EN 13727	1 minute	1:25	1:100
	EN 14561	5 minutes	1:25	1:100
Fungicidal	EN 13624	5 minutes	1:25	1:100
	EN 14562			
Tuberculocidal	EN 14563	5 minutes	1:25	1:100
	EN 14348			
Sporicidal	EN 13704	10 minutes	1:25	1:100
Virucidal	EN 14476:2025	5 minutes	1:25	1:100



Packaging Information

1 Carton: 5 L HDPE; Jerrycan 51 mm Cap x 2

1 Pallet: 90 Cartons / 180 Jerrycans

Order No: 436127045000



6338 CITROTAL™ 100

Hemodialysis Machine Disinfectant; with Active Chlorinated

It is an invasive medical device disinfectant used in hemodialysis devices for cleaning, cold disinfection, decalcification, removal of inorganic and organic residues, and prevention of risks that may occur on behalf of patients. The sodium hypochlorite in **CITROTAL™ 100** is an antibacterial agent. Free chlorine reacts with cell proteins and bacterial enzymes. Hypochloric acid is generated in the alkaline aqueous solution. Oxygen, which is a strong oxidant and microbicidal, is released.

Ingredients

Sodium hypochlorite % 5±0,5 (active chlorine), stabilizer and RO water.

Features

-  Cold disinfectant at 37° C.
-  Active chlorinated.
-  Fast acting alkali product.
-  Excellent cleaning effect.
-  Reduces biofilms, cleans and degreases.

Instruction

No manual dilution required. **CITROTAL™ 100** is designed to be automatically diluted by the hemodialysis device.

Maximum Dilution Ratio: Disinfection is carried out by automatically diluting at a maximum ratio of 1:35 within the device. If it is diluted more, its microbiological effects may decrease or disappear.

All drums are sealed with vented lids to prevent excessive pressure buildup. These caps should not be modified or replaced with other caps. Please store in an upright position.

Microbiological Properties

Effect	Standard	Contact Time	Concentration of Use
Bactericidal	EN 13727	1 minute	1:35
	EN 14561	5 minutes	
Fungicidal	EN 13624	5 minutes	1:35
	EN 14562		
Mycobactericidal	EN 14563	5 minutes	1:35
Sporicidal	EN 13704	180 minutes	1:35



Packaging Information

1 Carton: 5 L HDPE; Jerrycan 51 mm Cap x 2

1 Pallet: 90 Cartons / 180 Jerrycans

Order No: 436338045000



6009 - SURFACTO™ NEUTRAL

Hemodialysis Machine Surface Cleaner Disinfectant

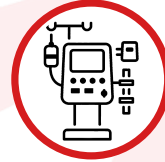
Hemodialysis machines surface cleaning and disinfection between treatments. Suitable for efficient cleansing of dialysis machine surfaces.

Ingredients

Alkyl dimethyl benzyl ammonium chloride (0,1%), dodecyl trimethyl ammonium bromide, propylene glycol, benzotriazole, ethanol 96%, stabilizing agent, and distilled water. Free of glutaraldehyde, formaldehyde, buffers, and other phenol derivatives.

Features

- ☞ Detergent disinfectant.
- ☞ Free of glutaraldehyde, formaldehyde, and phenol.
- ☞ Ready-to-use.
- ☞ It exhibits bactericidal activity within 1 minute.
- ☞ Wide material compatibility; especially with acrylic, glass and PVC.
- ☞ Quick drying: does not leave trace or greasy film.



Microbiological Properties

Effect	Standard	Contact Time	Concentration of Use
Bactericidal	EN 13727	1 minute	Ready-to-use
Fungicidal	EN 13624	5 minutes	Ready-to-use
		15 minutes	Ready-to-use
Virucidal	EN 14476:2025	5 minutes	Ready-to-use



Instruction

Ready-to-use. Spray the device from a distance of 30 cm onto the outer surfaces that can get wet, ensuring no wet spots remain. Wait until the desired contact time indicated in the table has elapsed. Wipe with a sterile cloth.



Packaging Information

1 Carton: 1 L HDPE; Bottle with Spray x 20

1 Pallet: 42 Cartons / 840 Bottles

Order No: 436009051000

1 Carton: 5 L HDPE; Jerrycan 38 mm Cap x 4

1 Pallet: 45 Cartons / 180 Jerrycans

Order No: 436009015000



7004 - ROSA-STRIP PAA

Peracetic Acid MEC Test Strips

Peracetic acid MEC Test Strips are suited for the selective determination of the peracetic acid concentration in disinfectant solutions, also in cases in which hydrogen peroxide is present.

Instruction

- Samples containing more than 500 mg/l peracetic acid must be diluted with distilled water.
- The pH of the peracetic acid solution must be within the range 3 - 4. If necessary, adjust the pH to 3.5 with sodium acetate solution (50 g/l) or dilute acetic acid (100 g glacial acetic acid/l).
- Immerse the reaction zone of the test strip in the pre-treated sample (15 - 30 °C) for 1 sec.
- Shake off excess liquid from the strip and after 10 sec determine with which color field on the label the color of the reaction zone coincides most exactly.
- Read off the corresponding result in mg/l peracetic acid.



Packaging Information

1 Bottle: 25 Strips of 7004

1 Carton: 70 Bottles / 1750 Strips of 7004

Order No: 457004070025



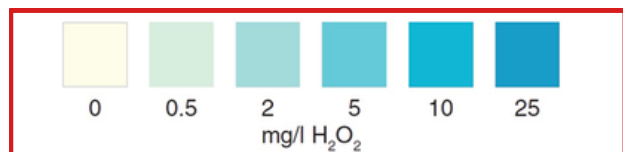
7005 - ROSA-STRIP PAA RES

Peracetic Acid RES Test Strips

ROSA-STRIP PAA RES are used to measure the amount of peroxide in solutions by detecting peroxide in the range 0.5-25 ppm. This test strip is ideal for testing low levels of peroxide in solutions.

Instruction

- Immerse the test strip in the solution for 1 second.
- Remove excess solution by shaking the test strip.
- Allow to dry completely.
- After drying, moisten the test strip with a drop of water.
- Wait 15 seconds.
- Compare with the color scale.
- If hydrogen peroxide is present, the test area turns blue.



Packaging Information

1 Bottle: 25 Strips of 7005

1 Carton: 70 Bottles / 1750 Strips of 7005

Order No: 457005070025



7013

AQUA-ROSA HD

Hemodialysis Device Dialysis Water Analysis Kit Colorimetric Titrimetric

It is used for the colorimetric determination of free chlorine and pH in various waters and for the determination of total hardness in waters with a pH value of 1-14.

Ingredients & Kit Components

Ethanol 96%, phenol red, hydrochloric acid.

A- pH Indicator
B- Chlorine Reagent
C- Buffered Indicator Titrator
Measured Cup 20 ml
Color Scale



Features

- Quick and easy water analysis.
- pH, free chlorine and hardness measurement in one.
- Instant results and easy reading with color scale.
- Total hardness (Ca and Mg) measurement in French Hardness.
- No chemical knowledge required.
- Portable and practical set content.
- Dropper attachment for clean and easy application.
- Specially marked measuring cup for measurement.
- Cost-effective and reliable.
- Technical file documents based on scientific data in accordance with current legislation.

Instruction

Measuring the pH of water: Take the measuring cup from your set box. Add the water sample to be analyzed up to the 10 ml mark. Hold the A-pH Indicator bottle with the dropper opening at a right angle of 90 degrees. Make sure that the drops do not have air bubbles. Add 2 drops to the sample and mix 2 turns with the cap closed. Determine the pH of the water by comparing the color in the container with the pH color scale.

Measuring Free Chlorine in Water: Take the measuring cup from your kit box. Add the water sample to be analyzed up to the 10 ml mark. Hold the B-Chlorine Separator bottle with the dropper opening at a right angle of 90 degrees. Make sure that the drops do not have air bubbles. Add 3 drops to the sample and stir 3 times with the cap closed. Determine the amount of free chlorine in the water by comparing the color in the container with the chlorine color scale.

Measuring Hardness in Water: Take the measuring cup from your kit box. Add water sample to be analyzed up to the 5 ml mark. Hold the C-Buffered Indicator Titrator bottle with the dropper opening at a 90 degree right angle. Make sure that the drops do not have air bubbles. Add 1 drop and stir. If a red-pink color appears, continue adding drops of C-Buffered Indicator Titrator. Mix after each drop. Continue dropping until the color turns bluish green. End the titration when the bluish green color appears.

The number of drops spent gives the total hardness of the water sample.

1 Drop = 1 French Hardness (°fH) = 0.56 German Hardness (°dH)

Hardness Presence: Pinkish red.

End Point: Bluish green

Packaging Information

1 Box: 1 Kit of 7013

1 Carton: 20 Kit of 7013

Order No: 457013040050



6215 MANOCHOL™

Alcohol Based Hand Disinfectant

Alcohol-based hand sanitizer and surgical hand disinfection. Formulated for surgical and hygienic hand disinfection. pH: 5.50. Dermatologically tested. Effective against: bacteria, fungi, and viruses.

Ingredients

96% ethyl alcohol (45%), isopropyl alcohol (25%), glycerol, antioxidant, stabiliser, emulsifier, humectant, fragrance and RO water.

Features

- Increased skin compatibility; pH 5.50. Skin friendly. Dermatologically tested.
- Hypoallergenic. Suitable for frequent use.
- The product is a clear, colorless liquid with no sediment. It does not stain or damage hospital surfaces when spilled.
- It is licensed by the Ministry of Health as a Type 1 Biocidal Product. It has a shelf life of 2 years.
- Formulated for surgical and hygienic hand disinfection. It can be used in operating rooms, intensive care units, neonatal units, patient rooms, outpatient clinics, dental settings, and ambulances.
- It does not require the addition of any additives before use, nor does it require rinsing or drying after use.
- Complies with EN standards: EN 13727 (Bactericidal), EN 13624 (Fungicidal), EN 14476 (Virucidal), EN 1500 (3 ml / 30 seconds hygienic treatment), and EN 12791 (2x3 ml / 3 minutes surgical disinfection).

Microbiological Properties

Pest Type – Life Stage	Scope and Method of Application	Dilution Ratio	Application Dosage	Contact Time
<i>S. aureus</i> ATCC 6538 <i>P. aeruginosa</i> ATCC 15442 <i>E. coli</i> K12 NCTC 10538 <i>E. hirae</i> ATCC 10541 <i>C. albicans</i> ATCC 10231	Medical Area, Hygienic Hand Rub Product, No Rinsing Required.	Ready-to-use. No dilution is required.	3 mL	Bacteria: 1 min. Fungi: 1 min. Viruses: 1 min. Mycobacteria: 60 min.
Poliovirus Type 1, LSc-2ab** Adenovirus Type 5, strain Adenoid 75, ATCC VR-5 Murine norovirus strain S99 Berlin Vaccinia virus Ankara (MVA), ATCC VR-1508 <i>M. avium</i> ATCC 15769 <i>M. terrae</i> ATCC 15755	Public and Personal Areas, Hygienic Hand Rub Product, No Rinsing Required.		1,5 mL	Bacteria: 1 min. Fungi: 30 sec. Viruses: 1 min. Mycobacteria: 60 min.

Instruction

Medical Area, Hygienic Hand and Skin Disinfectant Directions for Use:

At Pour a small amount (2 pumps = 3 mL) onto your dry hands and rub them together using simple rubbing motions in accordance with European Standard EN 1500. Spread it all over your hands and leave it to dry naturally. No need to rinse off. The product and its packaging are compatible.

Use the product within 3 months of opening the package. The product has a shelf life of 2 years when stored at 25°C (±2).

Packaging Information

1 Carton: 100 mL Pet; Sprayer Bottle x 120

1 Pallet: 72 Cartons / 8.640 Bottles

Order No: 436215190100

1 Carton: 250 mL Pet; Sprayer Bottle x 80

1 Pallet: 32 Cartons / 2.560 Bottles

Order No: 436215200250

1 Carton: 500 mL Pet; Bottle with Pump x 48

1 Pallet: 32 Cartons / 1.536 Bottles

Order No: 436215210500

1 Carton: 1 L Pet; Bottle with Pump x 24

1 Pallet: 36 Cartons / 864 Bottles

Order No: 436215221000





6085 MANOGEL™

Skin and Hand Disinfectant; Gel

MANOGEL™ is a hygienic, no-rinse hand disinfectant. No water or towel is needed to prevent cross-contamination. It is easy and convenient to use. It is used undiluted to quickly sanitize hands. Since MANOGEL™ is gentle on the skin, you can use it with confidence as a hygienic hand disinfectant.

Ingredients

Ethyl alcohol (62.5%), isopropyl alcohol (10%), glycerol, other skincare ingredients, excipients and RO water.

Features

- Increased skin compatibility; pH 5,80. Skin friendly. Dermatologically tested.
- Hypoallergenic. Suitable for frequent use.
- The product is a clear, colorless gel with no sediment. It does not stain or damage hospital surfaces when spilled.
- It is licensed by the Ministry of Health as a Type 1 Biocidal Product. It has a shelf life of 2 years.
- Formulated for surgical and hygienic hand disinfection. It can be used in operating rooms, intensive care units, neonatal units, patient rooms, outpatient clinics, dental settings, and ambulances.
- It does not require the addition of any additives before use, nor does it require rinsing or drying after use.
- Complies with EN standards: EN 13727 (Bactericidal), EN 13624 (Fungicidal), EN 14476 (Virucidal), EN 1500 (3 ml / 30 seconds hygienic treatment), and EN 12791 (2x3 ml / 3 minutes surgical disinfection).

Microbiological Properties

Pest Type – Life Stage	Scope and Method of Application	Dilution Ratio	Application Dosage	Contact Time
<i>S. aureus</i> ATCC 6538, <i>P. aeruginosa</i> ATCC 15442, <i>E. coli</i> K12 NCTC 10538, <i>E. hirae</i> ATCC 10541, <i>C. albicans</i> ATCC 10231 <i>Poliovirus</i> Type 1, <i>LSc-2ab** Adenovirus</i> Type 5, strain Adenoid 75, ATCC VR-5 Murine norovirus strain S99 Berlin <i>Vaccinia virus</i> Ankara (MVA), ATCC VR-1508	Public and Personal Areas, Hygienic Hand Rub Product, No Rinsing Required.	Ready-to-use. No dilution is required.	2 mL	1 minute
<i>S. aureus</i> ATCC 6538, <i>P. aeruginosa</i> ATCC 15442, <i>E. coli</i> K12 NCTC 10538, <i>E. hirae</i> ATCC 10541	Medical Area, Hygienic Hand Rub Product, No Rinsing Required.		2 mL	30 seconds
<i>C. albicans</i> ATCC 10231, <i>Poliovirus</i> Type 1, <i>LSc-2ab** Adenovirus</i> Type 5, strain Adenoid 75, ATCC VR-5 Murine norovirus strain S99 Berlin <i>Vaccinia virus</i> Ankara (MVA), ATCC VR-1508				1 minute

Instruction

Medical Area, Hygienic Hand and Skin Disinfectant Directions for Use:

At Pour a small amount (1 pump = 1,5 mL) onto your dry hands and rub them together using simple rubbing motions in accordance with European Standard EN 1500. Spread it all over your hands and leave it to dry naturally. No need to rinse off. The product and its packaging are compatible.

Use the product within 3 months of opening the package. The product has a shelf life of 2 years when stored at 25°C (±2).

Packaging Information

1 Carton: 50 mL Pet; Flip-top Bottle x 384

1 Pallet: 42 Cartons / 16.128 Bottles

Order No: 436085180050

1 Carton: 100 mL Pet; Flip-top Bottle x 120

1 Pallet: 72 Cartons / 8.640 Bottles

Order No: 436085190100

1 Carton: 500 mL Pet; Bottle with Pump x 48

1 Pallet: 32 Cartons / 1.536 Bottles

Order No: 436085210500

1 Carton: 1 L Pet; Bottle with Pump x 24

1 Pallet: 36 Cartons / 864 Bottles

Order No: 436085221000





6163 MANOHEX™ SOAP

Disinfectant Liquid Soap; Chlorhexidine 4%

Preoperative hand antisepsis in healthcare professionals to inactivate microorganisms (normal and transient flora) present on the hands and forearms. Skin cleanser for preoperative skin preparation, general skin cleanser for patients; surgical scrub and antiseptic hand rinse for healthcare personnel. Patient preoperative skin preparation, surgical hand scrubbing, healthcare personnel hand hygiene and general skin cleansing.

Ingredients

4% chlorhexidine gluconate, benzalkonium chloride, didecyl dimethyl ammonium chloride, vitamin E, antioxidants, surfactants, moisturisers, excipients and RO water.

Features

- 🔥 A ready-to-use formula containing chlorhexidine.
- 🔥 Increased skin compatibility; pH 5,80. Skin friendly. Dermatologically tested.
- 🔥 Hypoallergenic. Suitable for frequent use.
- 🔥 Contains emollients and moisturizers for skin care.
- 🔥 Shelf life is 2 years.
- 🔥 Formulated for surgical and hygienic hand disinfection.
- 🔥 Strong antimicrobial activity.
- 🔥 Immediate, cumulative, and long-lasting effect.

Microbiological Properties

Effect	Standard	Contact Time	Concentration of Use
<i>S. aureus</i> ATCC 6538 <i>P. aeruginosa</i> ATCC 15442 <i>E. coli</i> K12 NCTC 10538 <i>E. hirae</i> ATCC 10541	EN 13727	30 sec.	Ready-to-use
<i>C. albicans</i> ATCC 10231	EN 13624	30 sec.	Ready-to-use
Poliovirus Type 1, LSc-2ab** Adenovirus Type 5, strain Adenoid 75, ATCC VR-5 Murine norovirus strain S99 Berlin Vaccinia virus Ankara (MVA), ATCC VR-1508	EN 13476	30 sec.	Ready-to-use
<i>M. avium</i> ATCC 15769 <i>M. terrae</i> ATCC 15755	EN 14348	30 sec.	Ready-to-use

Instruction

Surgical scrub:

Scrub hands and forearms with 6 mL soap for 3 minutes paying close attention to nails, cuticles, and interdigital spaces, and rinse thoroughly. Apply a second dose 6 mL and scrub the hands and forearms for an additional 3 minutes. Then rinse thoroughly with running water and dry with a sterile towel.

Hand antisepsis:

Wash with 6 mL soap for 15 seconds; rinse thoroughly with water and dry.



Packaging Information

1 Carton: 500 mL Pet; Bottle with Pump x 48

1 Pallet: 32 Cartons / 1536 Bottles

Order No: 436163210500

1 Carton: 1 L Pet; Bottle with Pump x 24

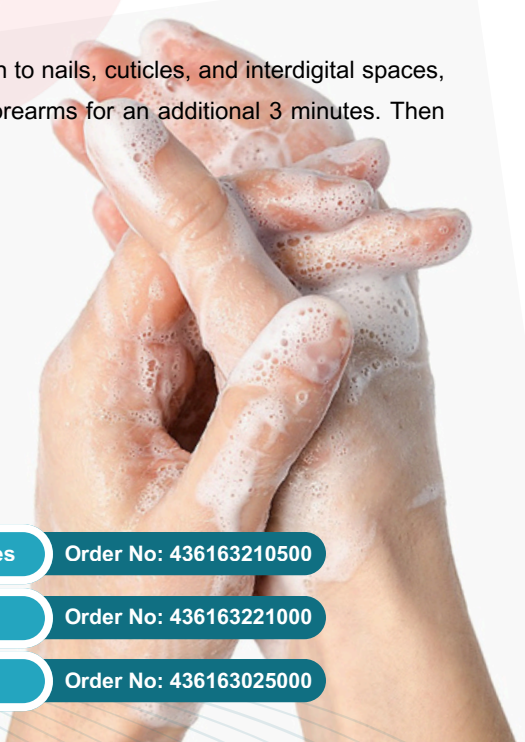
1 Palet: 36 Cartons / 864 Bottles

Order No: 436163221000

1 Carton: 5 L HDPE; Jerrycan 38 mm Cap x 4

1 Pallet: 54 Cartons / 216 Bottles

Order No: 436163025000





6162 MANOCHOL™ CHX2

Skin and Hand Disinfectant; Chlorhexidine 2%

Preoperative hand antisepsis in health-care personnel to inactivate microorganisms (normal and transient flora) present on the hands and forearms.

Ingredients

Chlorhexidine gluconate 2%, isopropyl alcohol 70%, excipients.

Features

- Chlorhexidine based ready-to-use formula
- Strong antimicrobial activity.
- Hypoallergenic. Suitable for frequent use.
- The product can be manufactured in red or clear, depending on preference.

Instruction

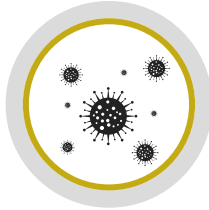
Use undiluted for skin or hand disinfection. Apply the solution with a cotton ball to clean and intact skin and allow to dry.

Dosage and application time acc. to new DGHM guidelines;

- Hygienic hand disinfection; 30 seconds.
- Surgical hand disinfection; 3 minutes.



**Powerful
Antiseptic**



**Broad-Spectrum
Protection**



Fast Acting



Safe for Skin



Ready-to-use

Packaging Information

1 Carton: 500 mL Pet; Bottle with Pump x 48

1 Pallet: 32 Cartons / 1536 Bottles

Order No: 436162210500

1 Carton: 1 L Pet; Bottle with Pump x 24

1 Pallet: 36 Cartons / 864 Bottles

Order No: 436162221000



6012 LUTARO™ CON

Floor Disinfectant; Concentrated

LUTARO™ CON is designed for cleaning and disinfection of hospital and clinics floors, walls and surfaces. Organic and inorganic stains are solubilized easily by LUTARO™ CON. It is a concentrated product to be diluted 1/400.

Ingredients

N-(3-Aminopropyl)-N-dodecylpropane -1,3-diamine, Didecyl dimethyl ammonium chloride, alkyl dimethyl benzyl ammonium chloride, corrosion inhibitor and Ro water.

Features

- Concentrated product, economical and affordable.
- Aldehyde free.
- Proven effective against hospital strains.
- Leaves no trace.
- Compatible with all kinds of surfaces.
- Does not require rinsing.
- Compatible with hospital special floor and wall coatings.
- It has a shelf life of 2 years.
- Non-corrosive.



The specially dosed bottle ensures the right amount of product is dispensed hygienically and precisely with each use, maintaining effectiveness and preventing waste.

Microbiological Properties

Effect	Standard	Contact Time	Concentration of Use
<i>S. aureus</i> ATCC 6538 <i>P. aeruginosa</i> ATCC 15442 <i>E. coli</i> K12 NCTC 10538 <i>E. hirae</i> ATCC 10541	EN 13727	5 minutes	1:400
<i>C. albicans</i> ATCC 10231	EN 13624	5 minutes	1:400
<i>Aspergillus brasiliensis</i> ATCC 16404	EN 14562	5 minutes	1:400
Poliovirus Type 1, LSc-2ab** Adenovirus Type 5, strain Adenoid 75, ATCC VR-5 Murine norovirus strain S99 Berlin Vaccinia virus Ankara (MVA), ATCC VR-1508	EN 13476	5 minutes	1:400
<i>M. avium</i> ATCC 15769 <i>M. terrae</i> ATCC 15755	EN 14348	5 minutes	1:400

Instruction

Use by mopping, wiping, or dipping. Dilute the product at 1/400 rate with tap water. Pump 1 time (20 ml) and complete to 8 Liters water. Dip the mop into the disinfectant container, then mop the floor, leaving the disinfected area in front of you. Replenish the disinfectant in the container before each new critical area.



Packaging Information

1 Carton: 1 L HDPE; Dosage Bottle x 15

1 Pallet: 42 Cartons / 810 Bottles

Order No: 436012131000

1 Carton: 5 L HDPE; Jerrycan 38 mm Cap x 4

1 Pallet: 45 Cartons / 180 Jerrycans

Order No: 436012025000



6007 SURFACTO™ QAS

Medical Device Surface Cleaner Disinfectant; Alcohol-free

Alcohol-free rapid cleaner disinfectant based on quaternary ammonium compounds. Especially suitable for alcohol-sensitive equipment and medical devices.

Ingredients

Didecyl dimethyl ammonium chloride (0,06 %), alkyl dimethyl benzyl ammonium chloride (0,1 %), chlorhexidine digluconate (0,11 %), stabilizing agents, corrosion inhibitor, other auxiliary agents, distilled water. Does not contain any phenol derivatives, aldehyde, or phosphate.

Features

- ☞ Detergent disinfectant.
- ☞ Ready-to-use.
- ☞ Free of alcohol and aldehyde.
- ☞ Active from 1 minute.
- ☞ Wide material compatibility.
- ☞ Quick drying: does not leave trace or greasy film.
- ☞ It has a shelf life of 2 years.

Microbiological Properties

Effect	Standard	Contact Time	Concentration of Use
Bactericidal	EN 13727	1 minute	Ready-to-use
Fungicidal	EN 13624	5 minutes	Ready-to-use
Mycobactericidal	EN 14563	1 minute	Ready-to-use



Instruction

- Spray onto a clean device surface that has been cleared of residues (blood, protein, etc.) from a distance of at least 30 cm until the surface is completely wet.
- Leave the surface wet for 1 minute for bactericidal (EN 13727) and mycobactericidal (EN 14563, clean) effects, and for 5 minutes for fungicidal (EN 13624) effects.
- Wipe the surface with a sterile, dry cloth until it is completely dry.

WARNING: This product must be used with compatible devices.

Packaging Information

1 Carton: 1 L HDPE; Bottle with Spray x 20

1 Pallet: 42 Cartons / 840 Bottles

Order No: 436007051000

1 Carton: 5 L HDPE; Jerrycan 38 mm Cap x 4

1 Pallet: 45 Cartons / 180 Jerrycans

Order No: 436007015000



6019 SURFACTO™ EP-60+

Quick Surface Disinfectant; Alcohol Based

Quick disinfection of medical devices in operating theatres, high-risk units, examining rooms, and care units.

Effective against bacteria and fungi in 30 seconds.

Ingredients

Ethanol %96 (47 %), isopropanol (13 %), didecyl dimethyl ammonium chloride (0,05%), benzalkonium chloride (0,05%), chlorhexidine digluconate solution %20 (0,5%), pH adjuster (0,01%), corrosion inhibitor (0,20%) and deionized water.

Features

-  Ready-to-use.
-  Wide material compatibility.
-  Quick efficacy: 30 seconds enough.
-  Quick drying: does not leave trace or greasy film.
-  Free of aldehyde.
-  It has a shelf life of 2 years.

Microbiological Properties

Effect	Standard	Contact Time	Concentration of Use
Bactericidal	EN 13727	30 seconds	Ready-to-use
Fungicidal	EN 13624	30 seconds	Ready-to-use
Mycobactericidal	EN 14348	30 seconds	Ready-to-use



Instruction

It is ready for use. Spray it evenly over the surface. Surfaces must be completely saturated for the required exposure time. Wait 30 seconds. Wipe dry with a sterile cloth.

Packaging Information

1 Carton: 1 L HDPE; Bottle with Spray x 20

1 Pallet: 42 Cartons / 840 Bottles

Order No: 436019051000

1 Carton: 5 L HDPE; Jerrycan 38 mm Cap x 4

1 Pallet: 45 Cartons / 180 Jerrycans

Order No: 436019015000

Ref No: 4083 - Cap Opener for 51 mm Caps

- Ergonomic opener design provides quick and effortless cap opening.
- Helps improve user comfort while reducing hand strain during frequent use.



Ref No: 4074 2 ml Pump

for 500 mL and 1 L
ready-to-use products



Ref No: 4072 20 ml Pump

for 5 L concentrated
products



Ref No: 4010 Sprayer

for 1 L ready-to-use
products



Ref No: 4081 Finger Sprayer

for 100 mL ready-to-use
products





GBL GÜL BİYOLOJİ LABORATUVARI SANAYİ VE TİCARET ANONİM ŞİRKETİ



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