



About Detrox

Detrox has been on its way to analyze the demands and expectations of all sectors where hygiene and disinfection is important, especially in the health sector, and to offer integrated solutions in the field of hygiene and disinfection. The company is producing high quality products under ISO 13485, ISO 9001, GMP and Clean Room conditions.

Detrox in the triangle of innovation, quality and reliability, has aimed to be a solution partner in the field of hygiene-disinfection. The most important factor in obtaining a respectable place in the eyes of our customers is developing ourselves constantly by starting with the motto 'Customer Satisfaction'.

Detrox R & D activities are carried out in line with sector needs, developments in the world and environmental awareness. The products are certified by passing tests and calibrations in international standards from development to sales and marketing.



INDEX

About Us	2
Brand Overview	4
DISINFECTANTS FOR ENDOSCOPES AND MEDICAL INSTRUMENTS	5
Detro® PAA	6
Detro® Activ	7
Detro® Cid Activ	7
Detro® OPA	8
Detro® Plus OPA	8
Detro® Forte	9
Detro® Plus	9
Detro® Cid Enzym	10
Akudent Extra	10
Akudent	11
Akudent Ready	11
SURFACE DISINFECTANTS	12
Detro® San Floor	13
Akaspray	14
Akaspray Tücher	14
Detro® Sept AF	15
Detro® Dry Wipes	15
Detro® San AF	16
Detro® San AF Wipes	16
CLEANING AND CARE PRODUCTS FOR ENDOSCOPES AND MEDICAL INSTRUMENTS	17
Detro® Enzym	18
Detro® Enzym Foam	19
Detro® Matic Enzym	19
Detro® Matic A	20
Detro® Matic NF-NS	20
Detro® Lube	21
Detro® Lube Spray	21
Detro® Dent R	22
Detro® Dent	22
Detro® Multi Care R	23
Detro® Multi Care	23
Detro® Instruclean	24
Detro® Hemoplus	24
HAND / SKIN ANTISEPTICS AND CARE PRODUCTS	25
Detro® Derm	26
Detro® Derm Gel	26
Detro® Hexidin	27
Detro® PW %7,5 Scrub	28
Detro® PW %10	28
Detro® Purehand	29
Detro® Lotion	29
MEDICAL DEVICES	30
Detrowash®	31-32
Detro® Air Spray - Detro® San Air	33-34
Detro® Cleanex	35
ACCESSORIES	36
Dispensers	37
Applicators	37
Spray Heads	37
Disinfection Basins	38
Dosing Pumps	38
Measuring Cup	38
Dilution Device	38
Disinfection Plan	39

BRAND OVERVIEW



- Detro® PAA
- Detro® Activ
- Detro® Cid Activ
- Detro® OPA
- Detro® Plus OPA
- Detro® Forte
- Detro® Plus
- Detro® Cid Enzym
- Akadent Extra
- Akadent
- Akadent Ready
- Detro® San Floor
- Akaspray
- Akaspray Tücher
- Detro® Sept AF
- Detro® Dry Wipes
- Detro® San AF
- Detro® San AF Wipes
- Detro® Enzym
- Detro® Enzym Foam
- Detro® Matic Enzym
- Detro® Matic A
- Detro® Matic NF-NS
- Detro® Lube
- Detro® Lube Spray
- Detro® Dent R
- Detro® Dent
- Detro® Multi Care R
- Detro® Multi Care
- Detro® Instruclean
- Detro® Hemoplus
- Detro® Derm
- Detro® Derm Gel
- Detro® Hexidin
- Detro® PW %7,5 Scrub
- Detro® PW %10
- Detro® Purehand
- Detro® Lotion
- Detrowash®
- Detro® Air Spray - Detro® San Air
- Detro® Cleanex

DISINFECTANTS FOR ENDOSCOPES AND MEDICAL INSTRUMENTS

- Detro® PAA
- Detro® Activ
- Detro® Cid Activ
- Detro® OPA
- Detro® Plus OPA
- Detro® Forte
- Detro® Plus
- Detro® Cid Enzym
- Akadent Extra
- Akadent
- Akadent Ready



Detro® PAA

High Level Disinfectant for Medical Instruments and Endoscopes



USAGE AREAS:

- Used for high level disinfection of rigid and flexible endoscopes, surgical instruments, anesthesia and dental surgery instruments, other medical instruments made of stainless steel, plastic, silicon, glass, acrylate and rubber.

PRODUCT PROPERTIES:

- Ready to use product consisting of base and activator.
- Prepared by mixing the base and the activator.
- The active substance peracetic acid is formed when the base and the activator are combined.
- High level disinfectant.
- Aldehyde and phenol free.
- Suitable for the manual immersion disinfection of endoscopes as well as endoscopic washing machines. It is used with manual immersion method in surgical instruments.
- Suitable for high level disinfection of heat-resistant medical instruments.

93/42 EEC Medical device directive class IIb

COMPOSITION:

- **Detro® PAA base:** Hydrogen peroxide, nonionic surfactant, corrosion inhibitors, auxiliary agent.
- **Detro® PAA activator:** N-acetylcaprolactam, 1-methyl-2-pyrrolidone.
- **Active ingredient:** Peracetic acid generated by mixing base and activator.

MICROBIOLOGICAL ACTIVITY:

- Bactericidal (incl. Tbc), fungicidal, virucidal, sporicidal in 5 minutes.

USAGE:

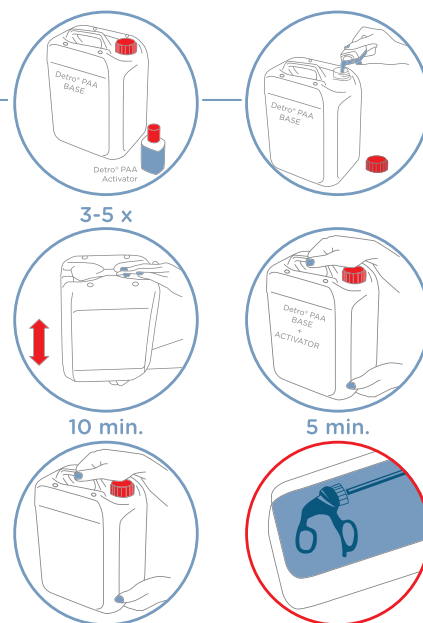
- Detro® PAA activator is poured into the base drum completely.
- The drum is closed and shaken thoroughly.
- After 10 minutes the solution is ready to use.
- Clean and dry tools are completely immersed in solution.
- The container is closed.
- After expiration of the contact time, the medical instruments should be rinsed with sterile water.
- Activated solution generates 2200 - 2300 ppm peracetic acid.
- Solution can be used until 900 ppm.
- It needs to be controlled by test strips.
- Do not leave instruments in solution longer than the contact time.
- Do not use on nickel, chromium, coated and aluminium instruments.
- Keep the package tightly closed.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
5L	4 x DRUM	8680097100351

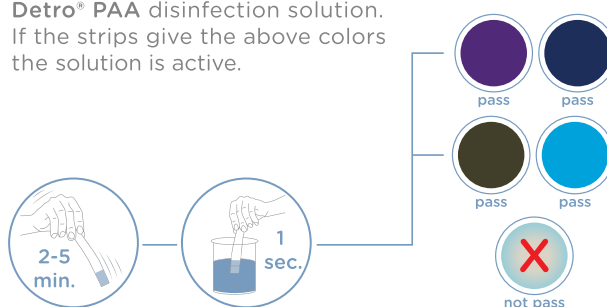


PREPARATION OF PRODUCT:



Detro® PAA Test Strips

Strips for monitoring the peracetic acid content in the activated Detro® PAA disinfection solution. If the strips give the above colors the solution is active.



Detro® Activ

Pre - cleaner and Disinfectant for Medical Instrument and Endoscopes

Detro® Cid Activ

Pre - cleaner and Disinfectant for Medical Instrument and Endoscopes

USAGE AREAS:

- Used for high level disinfection of rigid and flexible endoscopes, surgical instruments, anesthesia and dental surgery instruments, other medical instruments made of stainless steel, plastic, silicon, glass, acrylate and rubber.

PRODUCT PROPERTIES:

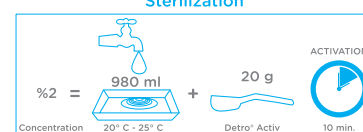
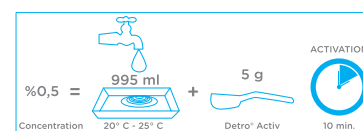
- Concentrated product in powder form.
- Generates peracetic acid by reaction of sodium percarbonate and TAED (tetraacetythylenedi-amine) with water.
- Cleaning and disinfection in one step.
- Effective cleaning power.
- Extends instrument life thanks to corrosion inhibitors.
- Aldehyde and phenol free.
- 93/42 EEC Medical device directive class IIb.

MICROBIOLOGICAL ACTIVITY:

- Bactericidal and fungicidal in 5 minutes at %0,5 concentration,
- Tuberculocidal in 5 minutes at %2 concentration.
- Virucidal and sporicidal in 10 minutes at %2 concentration.

USAGE:

- The solution is prepared by solving the product in water in a clean and closed container at the suitable concentration (5 gr product into 1 lt water for 0,5% concentration, 20 gr product into 1 lt water for 2% concentration).
- The instruments are immersed thoroughly so that all the surfaces and cavities are covered by the solution.
- The container is closed.
- The contact time is completed.
- Then the instruments are rinsed with sterile or distilled water.
- The ready to use solution in the container can be used daily.
- It is recommended to change the solution in case of intensive contamination.
- Solution activity can be controlled by test strips.
- Do not leave instruments in solution longer than the contact time.
- Do not use on aluminium, nickel and chromium instruments.



COMPOSITION:

- Peracetic acid generated by reaction of sodium percarbonate and TAED (tetraacetythylenediamine) with water, enzymes (amylase, lipase, protease).
- Generates >1000 ppm peracetic acid at %2 concentration.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
2,5 KG	4 x BUCKET	8680097100344

COMPOSITION:

- Peracetic acid generated by reaction of sodium percarbonate and TAED (tetraacetythylenediamine) with water.
- Generates >1000 ppm peracetic acid at %2 concentration.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
2,5 KG	4 x BUCKET	8680097100603

Detro® OPA

High Level Disinfectant for Medical Instruments and Endoscopes

Detro® Plus Opa

High Level Disinfectant for Medical Instruments and Endoscopes

USAGE AREAS:

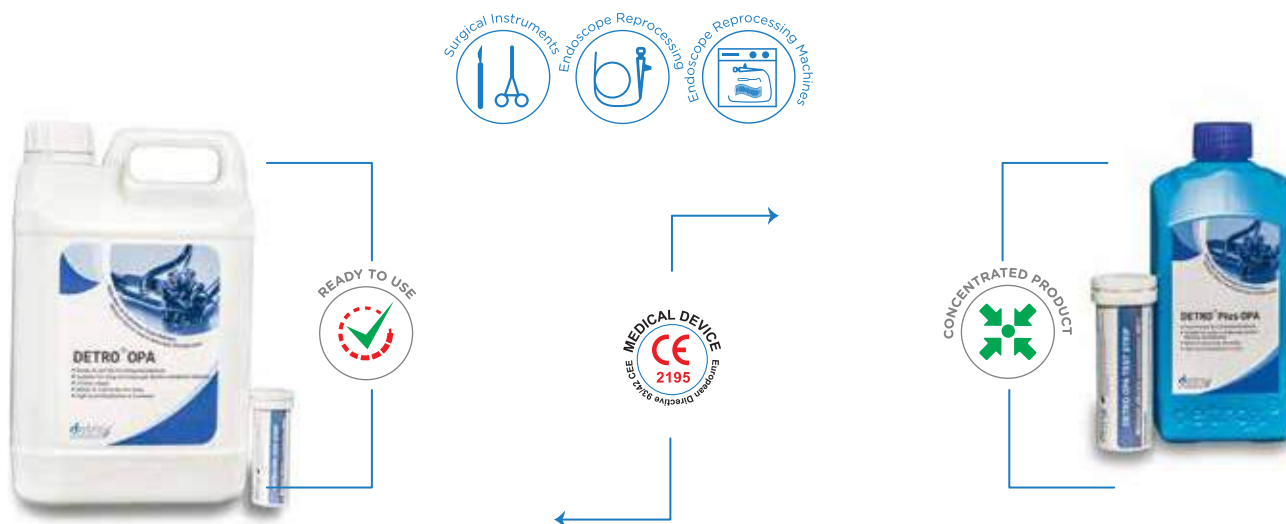
- Used for high level disinfection of surgical instruments, flexible and rigid endoscopes. It is compatible with medical devices/equipment made of polystyrene, stainless steel, PVC, acrylic material, polycarbon, ceramic, ABS, silicone, HDPE, rubber, and glass.

PRODUCT PROPERTIES:

- High level disinfectant.
 - Suitable for manual use and for endoscope washing and disinfection machines.
 - Prevents corrosion of tools thanks to corrosion inhibitors, compatible with endoscope brands.
 - Confirmation by KARL STORZ endoscopes.
 - The solution has no mutagenic, embryotoxic, teratogenic or reproductive effect on humans.
 - Thanks to its low toxicity, it provides safe use to personnel. It is odorless and does not contain harmful gas compounds.
- 93/42 EEC Medical device directive class IIb.

MICROBIOLOGICAL ACTIVITY:

- Bactericidal (incl. Tbc), fungicidal, virucidal, sporicidal in 5 minutes.



COMPOSITION:

- %0,55 orthophthalaldehyde, anticorrosive materials.

USAGE:

- Detro® OPA is filled into a clean and closed container.
- Precleaned and rinsed instruments are immersed thoroughly so that all the surfaces and cavities are covered by the solution.
- The container is closed.
- The contact time is completed.
- Then the the instruments are rinsed with sterile or distilled water.
- The solution in the container can be used during 14 days, the activity should be controlled daily by test strips, the solution should be renewed when the strips doesn't give the active colour existing on the strip tubes.
- Pls immerse the tools in the solution after the cleaning is done thoroughly.
- Red and orange colors that can be seen on the instruments indicate that the instruments are not cleaned well. (Protein Detection System)

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
5L	4 x DRUM	8680097100030

COMPOSITION:

- %5,5 orthophthalaldehyde, anticorrosive materials.

USAGE:

- Detro® Plus OPA is diluted at %10 concentration (4500 ml water for 500 ml) and filled into a clean and closed container.
- Precleaned and rinsed instruments are immersed thoroughly so that all the surfaces and cavities are covered by the solution.
- The container is closed. The contact time is completed.
- Then the the instruments are rinsed with sterile or distilled water.
- The ready to use solution in the container can be used during 14 days, the activity should be controlled daily by test strips, the solution should be renewed when the strips doesn't give the active colour existing on the strip tubes.
- Pls immerse the tools in the solution after the cleaning is done thoroughly.
- Red and orange colors that can be seen on the instruments indicate that the instruments are not cleaned well. (Protein Detection System)

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
500 ML	20 x BOTTLE	8680097100047

Detro® Forte

High Level Disinfectant for Medical Instruments and Endoscopes

Detro® Plus

High Level Disinfectant for Medical Instruments and Endoscopes

USAGE AREAS:

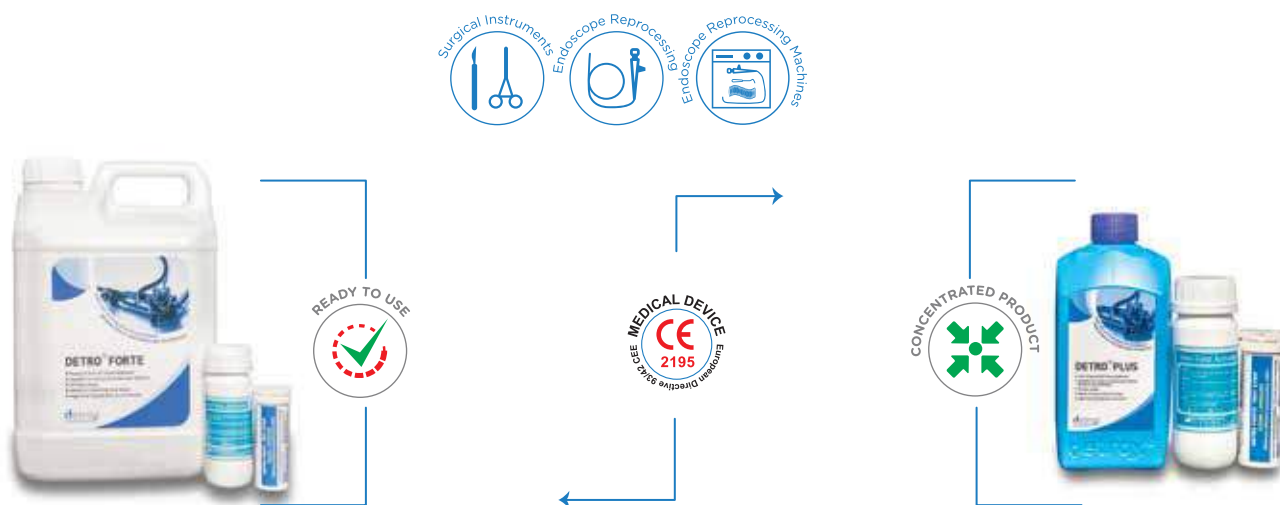
- Used for high level disinfection of surgical instruments, flexible and rigid endoscopes. It is compatible with medical devices/equipment made of polystyrene, stainless steel, pvc, acrylic material, polycarbon, ceramic, ABS, silicone, HDPE, rubber, and glass.

PRODUCT PROPERTIES:

- High level disinfectant.
- Suitable for manual use and for endoscope washing and disinfection machines.
- Prevents corrosion of tools thanks to corrosion inhibitors, compatible with endoscope brands.
- Confirmation by KARL STORZ endoscopes.
- 93/42 EEC Medical device directive class IIb.

MICROBIOLOGICAL ACTIVITY:

- Bactericidal (incl. Tbc), fungicidal, virucidal in 5 minutes.
- Sporocidal in 15 minutes.



COMPOSITION:

- %2 glutaraldehyde, anticorrosive materials, auxiliary substances.

USAGE:

- Detro® Forte is filled into a clean and closed container.
- Precleaned and rinsed instruments are immersed thoroughly so that all the surfaces and cavities are covered by the solution.
- The container is closed.
- The contact time is completed.
- Then the the instruments are rinsed with sterile or distilled water.
- The solution in the container can be used during 28 days, the activity should be controlled daily by test strips, the solution should be renewed when the strips doesn't give the active colour exisiting on the strip tubes.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
5L	4 x DRUM	8680097100016

COMPOSITION:

- %20 glutaraldehyde, anticorrosive materials, auxiliary substances

USAGE:

- Detro Plus is diluted at %10 concentration (4500 ml water for 500 ml) and filled into a clean and closed container.
- Precleaned and rinsed instruments are immersed thoroughly so that all the surfaces and cavities are covered by the solution.
- The container is closed.
- The contact time is completed.
- Then the the instruments are rinsed with sterile or distilled water.
- The solution in the container can be used during 28 days, the activity should be controlled daily by test strips, the solution should be renewed when the strips doesn't give the active colour exisiting on the strip tubes.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
500 ML	20 x BOTTLE	8680097100023

Detro® Cid Enzym

Enzymatic Cleaner and Disinfectant for Medical Instruments and Endoscopes



USAGE AREAS:

- Used for cleaning and disinfection of surgical instruments, felxibel and rigid endoscopes. It is compatible with medical devices/equipments made of polystyrene, stainless steel, PVC, acrylic material, polycarbon, ceramic, ABS, silicone, HDPE, rubber and glass.

PRODUCT PROPERTIES:

- Concentrated product.
 - Disinfection and cleaning in one step.
 - Effective cleaner thanks to enzymes, cleans organic dirt like blood, protein and oil.
 - Suitable for ultrasonic and manual usage.
 - Aldehyde and phenol free.
 - Prevents corrosion of tools thanks to corrosion inhibitors, compatible with endoscope brands.
- 93/42 EEC Medical device directive class IIb.



COMPOSITION:

- Enzymes (amylase, lipase, protease), didecyldimethylammonium chloride, benzalconium chloride, dodecylamine, corrosion inhibitors, auxiliary substances.

MICROBIOLOGICAL ACTIVITY:

- Bactericidal, fungicidal, virucida, tuberculocidal in 15 minutes at %0,5 concentration.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
	6 x BOTTLE	8680097100719
	4 x DRUM	8680097100511



USAGE:

- Detro® Cid Enzym is diluted at proper ratio and filled into a clean and closed container.
- The instruments are immersed thoroughly so that all the surfaces and cavities are covered by the solution.
- The container is closed.
- The contact time is completed.
- Then the instruments are rinsed with sterile or distilled water.
- The ready to use solution in the container can be used 15 days, the activity should be controlled by test strips, the solution should be renewed when the strips doesn't give the active colour existing on the strip tubes.



Akudent Extra

Pre - cleaner and Disinfectant for Medical Instruments and Endoscopes

USAGE AREAS:

- Used for cleaning and disinfection of surgical instruments, felxibel and rigid endoscopes. It is compatible with medical devices/equipments made of polystyrene, stainless steel, PVC, acrylic material, polycarbon, ceramic, ABS, silicone, HDPE, rubber and glass.

PRODUCT PROPERTIES:

- Concentrated product.
 - Disinfection and cleaning in one step.
 - Suitable for ultrasonic and manual usage.
 - Aldehyde and phenol free.
 - Prevents corrosion of tools thanks to corrosion inhibitors, compatible with endoscope brands.
- 93/42 EEC Medical device directive class IIb.



COMPOSITION:

- Bis (3-aminopropyl) dodecylamine, didecyldimethylammonium chloride, benzalconium chloride, corrosion inhibitors, auxiliary substances

MICROBIOLOGICAL ACTIVITY:

- Bactericidal, fungicidal, virucida, tuberculocidal in 15 minutes at %0,5 concentration.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
	6 x BOTTLE	8680097101839
	4 x DRUM	8680097100702



USAGE:

- Diluted at proper ratio and filled into a clean and closed container.
- The instruments are immersed thoroughly so that all the surfaces and cavities are covered by the solution.
- The container is closed.
- The contact time is completed.
- Then the instruments are rinsed with sterile or distilled water.
- The ready to use solution in the container can be used 15 days, the activity should be controlled by test strips, the solution should be renewed when the strips doesn't give the active colour existing on the strip tubes.

Akident

Pre - cleaner and Disinfectant for Medical Instruments and Endoscopes

Akident Ready

Pre - cleaner and Disinfectant for Medical Instruments and Endoscopes

USAGE AREAS:

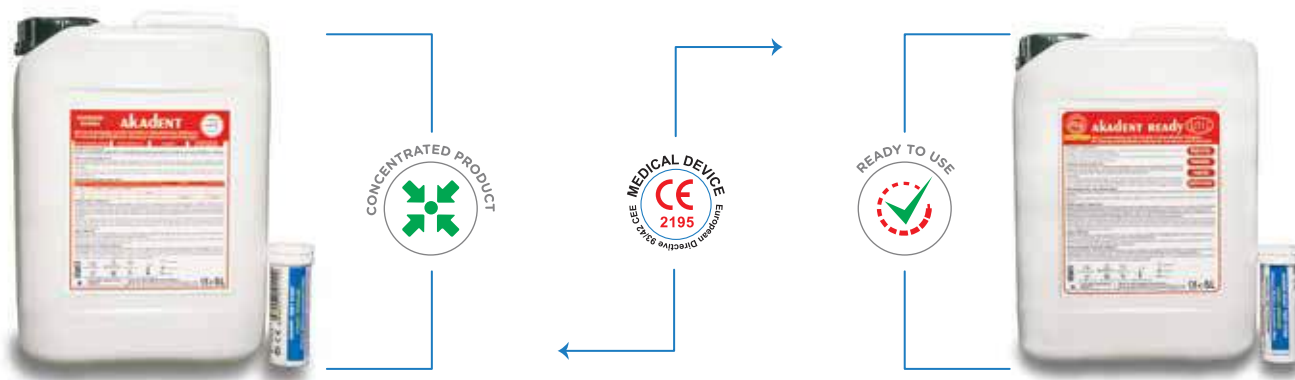
- Used for cleaning and disinfection of surgical instruments, felxibel and rigid endoscopes. It is compatible with medical devices/equipments made of polystyrene, stainless steel, PVC, acrylic material, polycarbon, ceramic, ABS, silicone, HDPE, rubber and glass.

PRODUCT PROPERTIES:

- Wide spectrum of microbiological activity.
- Disinfection and cleaning in one step.
- Suitable for ultrasonic and manual usage.
- Aldehyde and phenol free.
- Prevents corrosion of tools thanks to corrosion inhibitors, compatible with endoscope brands.
- Included in VAH (DGHM) list.
- 93/42 EEC Medical device directive class IIb.

COMPOSITION:

- Bis (3-aminopropyl) dodecylamine, didecyldimethylpolyethoxyammonium propionate, corrosion inhibitors, surfactant.
- Akident Ready is %2 dilution of Akident.



MICROBIOLOGICAL ACTIVITY:

- Bactericidal, fungicidal, virucidal in 15 minutes at %0,5 concentration.
- Tuberculocidal in 15 minutes at %2 concentration.

USAGE:

- Diluted at proper ratio and filled into a clean and closed container.
- Precleaned and rinsed instruments are immersed thoroughly so that all the surfaces and cavities are covered by the solution.
- The container is closed.
- The contact time is completed.
- Then the instruments are rinsed with sterile or distilled water.
- The ready to use solution in the container can be used 15 days, the activity should be controlled by test strips, the solution should be renewed when the strips doesn't give the active colour existing on the strip tubes.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
2L	6 x BOTTLE	8680097100436
5L	4 x DRUM	8680097100399

MICROBIOLOGICAL ACTIVITY:

- Bactericidal, fungicidal, virucidal, tuberculocidal in 15 minutes.

USAGE:

- Filled into a clean and closed container.
- Precleaned and rinsed instruments are immersed thoroughly so that all the surfaces and cavities are covered by the solution.
- The container is closed.
- The contact time is completed.
- Then the instruments are rinsed with sterile or distilled water.
- The ready to use solution in the container can be used 15 days, the activity should be controlled by test strips, the solution should be renewed when the strips doesn't give the active colour existing on the strip tubes.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
5L	4 x DRUM	8680097100429

SURFACE DISINFECTANTS

- Detro® San Floor
- Akaspray
- Akaspray Tücher
- Detro® Sept AF
- Detro® Dry Wipes
- Detro® San AF
- Detro® San AF Wipes



Detro[®] San Floor

Concentrated Surface
Disinfectant



USAGE AREAS:

- Used in floor and surface disinfection of critical areas such as operating theater, intensive care and laboratory. It is possible to use it in fixtures by wiping method.

PRODUCT PROPERTIES:

- Concentrated product.
- Odorless feature thanks to aldehyde, phenol and chlorine-free structure.
- Thanks to being odorless, can be used in the presence of staff or patients.
- Has a biocidal product license dated 18.10.2017 and numbered 2017/132 from the Ministry of Health.

COMPOSITION:

- Bis (3-aminopropyl) dodecylamine, dedecyldimethylammonium chloride, benzalkonium chloride, auxiliary substances.

MICROBIOLOGICAL ACTIVITY:

- Bactericidal (including TBC), fungicidal, virucidal in 15 minutes at %0,25 concentration.



USAGE:

- Prepared by diluting with network water according to the necessary concentration ratio. 2,5 ml of Detro[®] San Floor is added to 1000 ml (1 Liter) of water to prepare 1 liter solution at 0.25% concentration, and it is applied to floor by wet mop and to the fixtures and tables by wiping.
- The prepared solution can be used maximum for 24 hours.
- Can be changed earlier according to dirtiness level.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
	4 x DRUM	8680097100771



Akaspray

Alcohol Based Spray
Disinfectant

Akspray Tücher

Disinfection Wipes for
Surfaces

USAGE AREAS:

- Used in operating rooms, intensive care units, dental surgery and laboratories.

PRODUCT PROPERTIES:

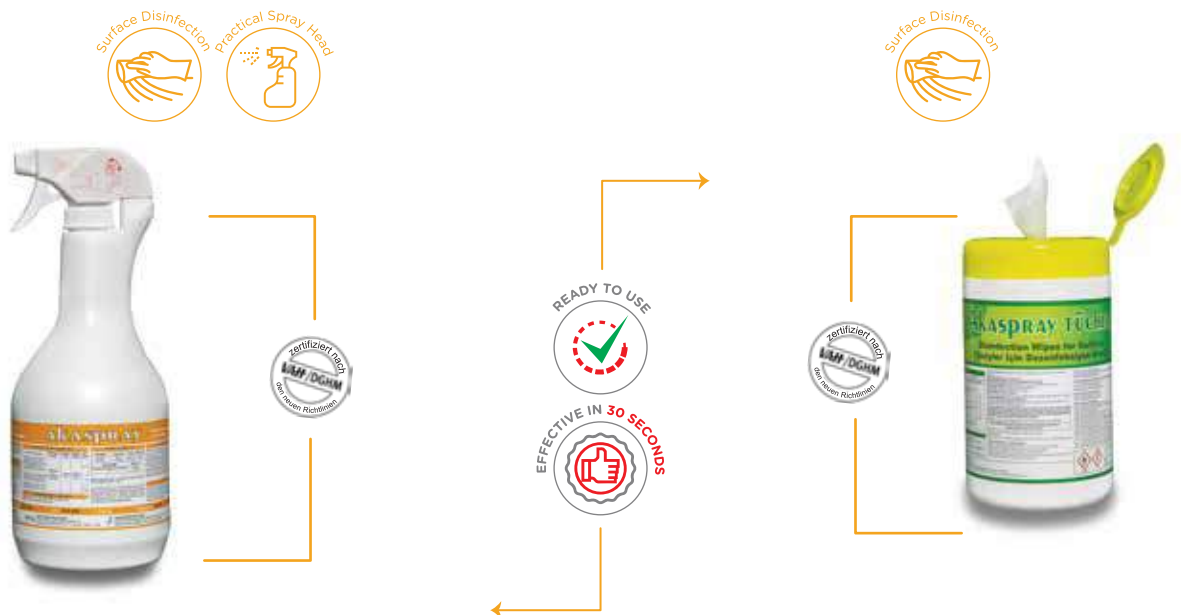
- Ready to use product.
- Aldehyde and phenol free.
- Effective in 30 seconds.
- Included in VAH (DGHM) list.
- Dries fast and pleasantly scented.

COMPOSITION:

- Ethanol, 2-Propanol, Didecylldimethyloksiethylammonium propionate.

MICROBIOLOGICAL ACTIVITY:

- Bactericidal (including TBC), fungicidal, virucidal in 30 seconds.



CERTIFICATES:

- Biocidal product license dated 17.08.2012 and numbered 2012/226 from the Ministry of Health.

USAGE:

- Spray at a distance of 30-40 cm to the surface to be disinfected and allow to dry or spray on a cloth and wipe the surface.
- Wait 30 seconds for effect.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
1L	12 x BOTTLE	8680097101419
5L	4 x DRUM	8680097101426

CERTIFICATES:

- Biocidal product license dated 06.08.2018 and numbered 2018/60 from the Ministry of Health.

USAGE:

- A sufficient amount of wipes is taken according to the size of the area to be wiped.
- Applied by wiping method as a surface disinfectant.

QUANTITY	PACKING TYPE	BARCODE
150 pcs.	12 x CYLINDER BOX	8680097101174

Detro[®] Sept AF

Alcohol Based Spray
Disinfectant



USAGE AREAS:

- It is used for rapid disinfection of incubators, dental aerators and medical devices used in ENT examinations. It is compatible with medical devices/equipments made of polystyrene, stainless steel, pvc, acrylic material, polycarbon, ceramic, ABS, silicone, HDPE, rubber, and glass.

PRODUCT PROPERTIES:

- Ready to use product.
- Aldehyde and phenol free.
- Wide spectrum of microbiological activity.
- Special spray head that offers the advantage of use in foam and liquid form.

93/42 EEC Medical device directive class IIa.

COMPOSITION:

- Ethyl alcohol, propan 2-ol, didecylmethylpolyeoxyethylammonium propionat, preservatives, perfume, deionized water.

MIKROBIOLOGICAL ACTIVITY:



- Bactericidal and fungicidal in 1 minute.
- Tuberculocidal and virucidal in 5 minutes.

USAGE:

- Sprayed onto the pre-cleaned medical device to cover all the surface.
- The contact time is completed and the surface is wiped.



PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
 1L	9 x BOTTLE	8680097100054
 5L	4 x DRUM	8680097100061

Detro[®] Dry Wipes

Dry Wipes for Cleaning
and Disinfection

USAGE AREAS:

- Dry wipes used for quick and easy cleaning and disinfection of medical devices and surfaces.

PRODUCT PROPERTIES:

- Can be used with all surface disinfectants.
- Designed to provide fast and effective cleaning and disinfection of medical devices.
- The wipe is 300 X 200 mm sized and made of 100% pp material.
- The wipe in which the wipe is placed can be closed again and designed to be absolutely airless.
- The wipes are easily removed and drying out over time is avoided.
- The bucket is designed to be reused by changing the wipes inside.
- If a different solution is used, the bucket should be neutralized with enzymatic cleaners.

USAGE:

- After being impregnated with disinfectant, Detro[®] Dry Wipes is applied according to the instructions of the solution manufacturers in cleaning and disinfection of medical devices and surfaces.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
 90 psc.	BUCKET	8680097102713



Detro® San AF

Alcohol Free Spray
Disinfectant

Detro® San AF Wipes

Alcohol Free
Disinfection Wipes

USAGE AREAS:

- It is used for rapid disinfection of incubators, dental aerators and medical devices used in ENT examinations.
- It is compatible with medical devices/equipments made of polystyrene, stainless steel, pvc, acrylic material, polycarbon, ceramic, ABS, silicone, HDPE, rubber, and glass

PRODUCT PROPERTIES:

- Ready to use product.
 - Aldehyde, phenol and alcohol free.
 - Wide spectrum of microbiological activity.
 - **Detro® San AF** provides less product consumption thanks to the spray head which can produce foam.
- 93/42 EEC Medical device directive class IIa.

COMPOSITION:

- Bis (3-aminopropyl) dodecylamine, didecyldimethylammonium chloride, benzalconium chloride, auxiliary substances.

MICROBIOLOGICAL ACTIVITY:

- Bactericidal, fungicidal, virucidal, tuberculocidal in 1 minute.



USAGE:

- Sprayed onto the medical device to cover all the surface. The contact time is completed and the surface is wiped.

USAGE:

- A sufficient amount of wipes is taken and applied directly to the surface to be wiped. Wait for 1 minute for effect.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
	9 x BOTTLE	8680097102461
	9 x BOTTLE	8680097100757
	4 x DRUM	8680097101167

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
	12 x CYLINDER BOX	8680097100764

CLEANING AND CARE PRODUCTS FOR ENDOSCOPES AND MEDICAL INSTRUMENTS

- Detro® Enzym
- Detro® Enzym Foam
- Detro® Matic Enzym
- Detro® Matic A
- Detro® Matic
NF-NS
- Detro® Lube
- Detro® Lube
Spray
- Detro® Dent R
- Detro® Dent
- Detro® Multi
Care R
- Detro® Multi
Care
- Detro®
Instruclean
- Detro®
Hemoplus



Detro® Enzym

Enzymatic Cleaner for Medical Instruments and Endoscopes



USAGE AREAS:

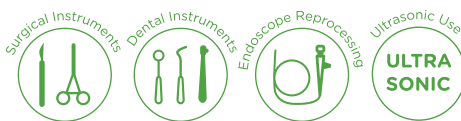
- Provides pre-cleaning for medical devices and endoscopes and all kinds of surgical instruments.
- Cleans the organic contaminations like blood, oil, protein, starch on surfaces.
- Solves remnants on instruments thanks to enzymes and so, it provides more effective cleaning.
- It is compatible with materials like glass, rubber, wood, ceramic, silicone, plastic and stainless steel.

PRODUCT PROPERTIES:

- Concentrated product.
- Reduces microbial load of instruments by cleaning organic soil.
- Reduces corrosion risk of instruments by cleaning inorganic soil.
- Suitable for manual and ultrasonic use and endoscope washing machines.
- Effective in 5 minutes manually and in ultrasonic devices.
- Thanks to its 4 enzyme content, it removes residues on the instruments and provides more effective cleaning.
- Contains corrosion inhibitor.

COMPOSITION:

- Enzymes (amylase, protease, lipase, cellulase), glycol, nonionic surfactant, quaternary ammonium compounds, anticorrosive materials.



USAGE:

- The product is used by diluting at %0,5 concentration.
- Effective in 5 minutes in ultrasonic or manual usage.
- Solution life is 24 hours.
- At the end of cleaning the instruments are rinsed thoroughly.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
5L	4 x DRUM	8680097100368



Detro® Enzym Foam

Enzymatic Foam Cleaner for Medical Instruments



USAGE AREAS:

- The product is used for wetting and cleaning by foam of all kinds of surgical instruments, medical devices and endoscopes before disinfection.

PRODUCT PROPERTIES:

- Ready to use foamy product in the form of spray.
- Aldehyde, phenol, chlorine free.
- Thanks to the foam produced by the ergonomic spray head, the solution covers the instruments homogeneously.
- The foam, which is stabilized for a long time and does not allow air to come into contact with the surface, allows the instruments to remain wet for a long time (during collection and transfer) and at a level that will prevent drying of organic dirt.
- Thanks to its 4-enzyme content, it is effective in easily dissolving organic wastes such as blood, fat, protein, starch on the surfaces.
- Saves time in the pre-cleaning process as it prevents drying and help removal of dirt during the collection and transfer of instruments to the central sterilization unit.
- High rinsing ability thanks to its solubility in water.
- Does not cause corrosion in the materials thanks to the corrosion inhibitors it contains.
- Very high material compatibility and is suitable for the use of all tools which are free for wetting.
- Can be used safely in glass, rubber, wood, ceramic, silicone, plastic and stainless steel materials.

COMPOSITION:



- Amylase, protease, lipase, cellulase enzymes, surfactant, preservatives, corrosion inhibitors, stabilizers.



USAGE:

- Cover the collection container with Detro Enzym Foam before collection.
- Get your instruments here.
- Cover all the tools with foam.
- Close the container.
- Rinse well after the necessary contact time.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
	9 x BOTTLE	8680097102768
	9 x BOTTLE	8680097101457



Detro® Matic Enzym

Enzymatic Cleaner for Medical Instrument Washing Machines and Manual Use

USAGE AREAS:

- Used for washing of medical instruments made of metal, glass, porcelain, plastic and other equipments like badpans and slippers.
- Also suitable for manual use.

PRODUCT PROPERTIES:

- Concentrated product.
- Compatible with waters at different hardness level.
- Excellent cleaning thanks to enzyme content.
- It has the ability to clean both acidic and basic residues (blood, urine, etc.).
- Contains corrosion inhibitors.
- Compatibel with every tipe of washing machines.
- Also suitable for manual and ultrasonic use.

COMPOSITION:

- Enzymes (lipase, amylase, protease), sodium hydroxide, corrosion inhibitors.

USAGE:

- In washing machines, used at % 0,2 - 0,8 (20 - 80 ml product to 10 lt water) concentration,
- Manually used at % 1 (10 ml product to 1 lt water) concentration.



PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
	3 x DRUM	8680097100627

Detro[®] Matic A

Alkaline Cleaner for Medical Instrument Washing Machines



USAGE AREAS:

- Used for alkali cleaning of medical instruments made of metal, glass, porcelain, plastic (badpans, slippers) and other equipments.

PRODUCT PROPERTIES:

- Concentrated product.
- Automatically cleans the organic soil at all levels of water hardness.
- Cleans and chemothermically disinfects the heat-resistant instruments at 93° C.
- Provides cleaning of termolable materials at 50-60° C.
- Contains corrosion inhibitors.
- Compatible with all types of washing machines.

COMPOSITION:

- Potassium hydroxide or sodium hydroxide, surfaktants, silicates, complexing agents, corrosion inhibitors, auxiliary materials.

USAGE:

- Used at %0,1 - 0,2 concentration (10 - 20 ml product into 10 L water) in automatic washing machines.



PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
5L	3 x DRUM	8680097100375



Detro[®] Matic NF-NS

Neutralization Solution for Instrument Washing Machines

USAGE AREAS:

- Used in the neutralization process after alkaline cleaning (main washing process) of instruments made of metal, glass, ceramic, porcelain, plastic materials in automatic washing machines and for the removal of lime deposits which may occur in the machine.

PRODUCT PROPERTIES:

- Concentrated product.
- Removes alkali remnants and ensures clear drying of instruments.
- Contains corrosion inhibitors.
- Compatible with all types of washing machines.
- Low usage concentration, economic usage.

COMPOSITION:

- Phosphoric acid or citric acid, surfactant, corrosion inhibitors.

USAGE:

- Used at %0,05 - 0,1 concentration (5-10 ml product into per 10 lt water) in automatic washing machines.
- Added to the first rinse water after use of the alkaline cleaner.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
(NF) 5L	3 x DRUM	8680097100382
(NS) 5L	3 x DRUM	8680097100597



Detro® Lube

Lubricant Care Product for Medical Instruments



USAGE AREAS:

- It is an instrument maintenance product used in all medical and dental fields, for automatic or for manual maintenance.

PRODUCT PROPERTIES:

- Concentrated product.
- Prevents dirtying and rusting of instruments.
- Creates a slim film layer on medical instruments surface and provides active protection.
- Contains medical white oil (DAB 10).
- Does not effect sterilization, because it is free of silicon and its derivatives.
- Prevents corrosion and increases instruments life.
- Super concentrated and economic cost.
- It is advantageous in terms of time because doesn't require an extra maintenance for the instruments.

COMPOSITION:

- Medical white oil, non-ionic surfactant, auxiliary substances.

USAGE:

- It is used at 0,03% concentration (0.3 gr product in 1 L water) in automatic washing machines, 0.5% concentration in manual use (5 ml in 1 L water).



PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
5L	3 x DRUM	8680097100405



Detro® Lube Spray

Oiling Spray for Surgical Instruments and Air Exhausters

USAGE AREAS:

- Used in cleaning and maintenance of surfaces and coatings of all kinds of surgical instruments, preventing the corrosion of flexible parts of endoscopes and surgical instruments, maintenance and lubricating of exhaustor heads.

PRODUCT PROPERTIES:

- Ready to use product.
- Prevents the dirt resulted from high temperature and chemical reaction (such as water vapor stain, betadine and protein stains) to adhere onto the surface of the surgical instrument.
- Gives a bright and clean shiny look.
- Forms a protective layer that reduces the holding of chemicals like cement, alginate, zinc oxide, carboxylate and phosphate on dental surgical instruments.
- Cleans the dirt adhered into the turbine channels of exhaustor heads with high pressure air makes them remain greasy even in contact with water.
- Does not contain silicone and its derivatives, so does not prevent sterilization.
- Contains high-heat (200° C) resistant medical paraffin oils.

COMPOSITION:

- Medical white paraffin oils, butane.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
400 ML	24 x PRESSURED CANISTER	8680097100412



USAGE:

Use in Surgical Hand Instruments:

DETRO LUBE SPRAY is sprayed from a certain distance without the extension hose of the sprayer on the surgical instruments which are cleaned, disinfected, ready for sterilization and spread on a flat surface. Use extension hose, especially for loose parts. After making sure that the spraying is done well, the loose parts are functionally tested and the product is deeply penetrated. Then sterilization process is started.

Use in Endoscopes and Exhauster Heads:

When used for endoscopes and exhaustor heads it is sprayed sufficiently directly to the toothed parts and loose parts by attaching the aerosol extension hose to the tip of the spray head. The function test is done and the use of the tools is continued after it is fully lubricated.

Detro[®] Dent R

Dental Cleaning Solution

Detro[®] Dent

Dental Cleaning Solution

USAGE AREAS:

- Used for cleaning stainless steel tools used in dentistry.
- Provide superior success even in the cleaning of difficult organic and inorganic impurities (such as cement, alginate, ojenol and gluing cement).

PRODUCT PROPERTIES:

- Makes the surgical instruments shine when used regularly.
- Extends the life of the material used.
- Does not cause any unpleasant odor to the user even at temperatures over 60° C.
- Effective in ultrasonic washing machines for 5 minutes.
- Eliminates the scraping process used to clean cement residues.

COMPOSITION:

- Phosphoric acid, nonionic surfactant, corrosion inhibitor.
- Detro Dent R is %3 dilution of Detro Dent.



USAGE:

- The solution is poured into a container or an ultrasonic cleaner.
- All instruments are immersed in the solution.
- Performs the cleaning at 40 - 60° C at 5 minutes.
- It has a clear appearance at first use.
- The solution can be used at least 1 week according to the degree of soiling.
- Rinse after washing.
- It should not be used in aluminum, chrome, nickel plated instruments.

USAGE:

- The product is used by diluting at the appropriate concentration.
- The ready to use solution is poured into a container or an ultrasonic cleaner.
- All instruments are immersed in the solution.
- Performs the cleaning at 40 - 60° C at 5 minutes.
- It has a clear appearance at first use.
- The solution can be used in at least 1 week according to the degree of soiling.
- Rinse after washing.
- It should not be used in aluminum, chrome, nickel plated instruments.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
5L	4 x DRUM	8680097100320

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
5L	4 x DRUM	8680097100467

Detro® Multi Care R

Solution for Instrument Care

Detro® Multi Care

Solution for Instrument Care

USAGE AREAS:

- Used at stainless steel, chrome, nickel surfaces and polyvinyl urethane surfaces.
- Used for cleaning of oxidized parts, burnt and spot caused by heat and biofilms on these surfaces.

PRODUCT PROPERTIES:

- High material compatibility.
- Effective in complete care of instruments.
- Prevents the corrosion on instruments.

COMPOSITION:

- Phosphoric acid, anionic surfactant, nonionic surfactant, corrosion inhibitor.
- Detro Multicare R is %5 solution of Detro Multicare.



USAGE:

- The solution is filled into an ultrasonic washing machine and the instruments are immersed completely.
- The cleaning process is completed at 5 minutes.
- The instruments removed from the solution must be well rinsed with water.
- The solution can be used at least one week according to dirtiness level.

USAGE:

- The product is concentrated.
- The solution is prepared by adding 50 ml of the product to 1 L water.
- The ready to use solution is filled into an ultrasonic washing machine and the instruments are immersed completely.
- The cleaning process is completed at 5 minutes.
- The instruments removed from the solution must be well rinsed with water.
- The solution can be used at least one week according to dirtiness level.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
5L	4 x DRUM	8680097100337

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
5L	4 x DRUM	8680097100498

Detro® Instruklean

Cleaner for Medical Instruments



USAGE AREAS:

- Used for cleaning of endoscopes, laboratory instruments, dental instruments etc.

PRODUCT PROPERTIES:

- Concentrated product.
- Extends material life
- Suitable for ultrasonic and manual usage.
- Reduces microbial load of instruments by cleaning organic soil.
- Reduces corrosion risk of instruments by cleaning inorganic soil.
- Suitable for ultrasonic and manual usage.
- Contains corrosion inhibitors.

COMPOSITION:

- Nonionic surfactants, corrosion inhibitors, complexing agents.

USAGE:

- The product is used by diluting at %0,5 concentration.
- The ready to use solution is poured into a container or ultrasonic cleaning.
- All instruments are immersed into the solution.
- Effective in 5 minutes in manual use and in 2 minutes in ultrasonic use.
- At the end of cleaning the instruments are rinsed thoroughly.
- Solution must be renewed daily.
- It is recommended to change the solution in case of intensive contamination.



PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
5L	4 x DRUM	8680097100276



Detro® Hemoplus

Hemodialysis Device Cleaner

USAGE AREAS:

- It is a concentrate product used for decalsifying of infected device and device spare parts which are used for dialysis patients.

PRODUCT PROPERTIES:

- Concentrated product.
- Solves the calcium/magnesium residues and blood waste at 37° C in devices which use volumetric mixing systems.
- Economic advantage due to being concentrated.
- Effective against bacteria, fungi and viruses.
- Doesn't contain colouring or fragrant materials.
- Protects and cleans the device by solving the calcium carbonate formed inside.
- Doesn't damage the device parts thanks to the corrosion inhibitors.
- Possible to use with immersion method in instruments used outside of the body.

COMPOSITION:

- Citric acid, lactic acid, malic acid.

USAGE:

- Detro® Hemoplus is automatically sucked into the device by the vacuum system.
- Device producer's recommendations and device properties are considered for proper dosing.
- The solution is circulated for in the infected device and the process is finished.



PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
5L	4 x DRUM	8680097100634

HAND / SKIN ANTISEPTICS AND CARE PRODUCTS

- Detro® Derm
- Detro® Derm Gel
- Detro® Hexidin
- Detro® PW %7,5 Scrub
- Detro® PW %10
- Detro® Purehand
- Detro® Lotion



Detro[®] Derm

Alcohol Based Hand and Skin Antiseptic

Detro[®] Derm Gel

Alcohol Based Hand and Skin Antiseptic

USAGE AREAS:

- Used for hygienic and surgical antiseptics of hands and skin at all health institutions like surgery, intensive care units, clinics (dental, veterinary), laboratories and for patient care at home.

PRODUCT PROPERTIES:

- Ready to use product.
- Alcohol based quickly effective hand and skin antiseptic.
- Does not contain any active substances accumulating in the skin and can be easily tolerated by the skin.
- Top pressure pump and wall dispenser for 1 liter bottle.

COMPOSITION:

- 2-propanol (%70 V/V), glycerin, auxiliary substances.

MICROBIOLOGICAL ACTIVITY:

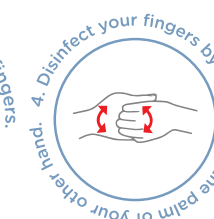
- Bactericidal, fungicidal, virucidal, tuberculocidal.

USAGE:

- For hygienic hand antiseptics, apply at least 3 ml of solution without dilution and rub for 30 seconds until the hands dry.
- For surgical hand antiseptics, 5 ml of solution is applied and rubbed for 3 min from hand to under the elbows.



HYGIENIC HAND ANTISEPSIS



PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
5L	4 x DRUM	8680097102478
1L	12 x BOTTLE	8680097100955
500 ML	20 x BOTTLE	8680097100962
250 ML	35 x BOTTLE	8680097100979
100 ML	50 x BOTTLE	8680097100986

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
1L	12 x BOTTLE	8680097101464
500 ML	20 x BOTTLE	8680097101471

Detro® Hexidin

Antiseptic Liquid Soap



USAGE AREAS:

- Suitable for use in antiseptics of hands before surgery, in washing of whole body of patient before surgical intervention and in dental surgery and dentistry, in nursing homes and children's nurseries, against the risk of cross contamination.

PRODUCT PROPERTIES:

- Ready to use product.
- Easily tolerated by the skin thanks to its positively charged lipophilic group content.
- Non allergic, dermatologically tested.
- Skin friendly pH.
- Top pressure pump and wall dispenser for 1 liter bottle

Biocidal product license dated 09.11.2017 and numbered 2017/144 from the Ministry of Health.

COMPOSITION:

- 4% Chlorhexidine digluconate as active substance, softeners, adjuvants.

USAGE:

- For hygienic use, apply at least 3 mL of the solution and rub and rinse for 1 minute.
- For surgical use, 5 mL of solution is applied to the hand of the elbows and rubbed and rinsed for 3 minutes.
- It is suitable for patient washing during preoperative and daily care.

MICROBIOLOGICAL ACTIVITY:

- Bactericidal, virucidal, fungicidal, tuberculocidal.



PACKAGE:

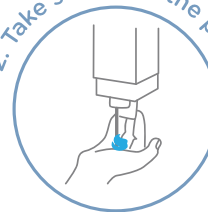
QUANTITY	PACKING TYPE	BARCODE
1L	12 x BOTTLE	8680097100832
500 ML	20 x BOTTLE	8680097102720

HYGIENIC HAND WASHING

1. Wet all hand surfaces.



2. Take soap into the palm.



3. Spread out the soap.



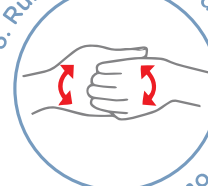
4. Thoroughly rub the back of your hands and between your fingers.



5. Rub the palms and between fingers palms faced.



6. Rub fingers bended in the palm of other hand.



7. Rub the thumb of both hands with the other hand.



8. Rub the fingertips by into the other hand palm.



9. Rinse your hand under running water.



10. Dry your hands with a disposable towel.



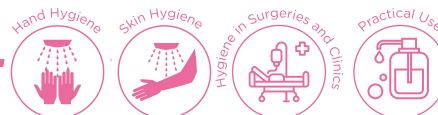
11. Close the tap with your towel.



12. Necessary hygiene for your hands is obtained.



Detro® PW %10 Antiseptic Solution



USAGE AREAS:

- Used for skin and mucosa antiseptics at operations of pre-surgery, precaution for gynecologic and birth treatments, biopsy, injection and blood draw. For wound care, burns, pyoderma, mycotic and bacteria infections and super infected dermatoses. It can be also used for first aid in the case of little injuries.

PRODUCT PROPERTIES:

- Ready to use product.
- Used in hygienic and surgical hand antiseptics.
- Compatible with skin.



COMPOSITION:

- %10 povidone iodine, auxiliary substances.

MIKROBIOLOGICAL ACTIVITY:

- Bactericidal, fungicidal, virucidal, tuberculocidal.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
	12 x BOTTLE	8680097100849
	20 x BOTTLE	8680097101433



USAGE:

- Prior to using **Detro® PW %10** solution, the person should be tested for sensitivity to iodine. To do this, a few drops of **Detro® PW %10** solution are dropped on the skin and this area is kept covered with the solution for 30 minutes. If any reaction occurs at the end of the period, the use of **Detro® PW %10** solution for this person is contraindicated. In practice, it must be applied for at least 1 minute without dilution and 5 minutes for the highest indication, since it is produced directly ready to use. For surgical hand antiseptics; the hands are then rubbed with 5 ml of Dero PW %10 solution for 5 minutes. Preparation of the surgical field; sufficient amount of **Detro® PW %10** solution is applied to the application area for 5 minutes. In case of washing of mucosa or wounds, it should be used according to necessity. At gynecology; vagina and vulva lavage in the form of dilution (1/10 rate) is applied. At urology; it is performed by lavage dilution (1/10 ratio) in bladder washing. At orthopedic; it is applied diluted (1/20 ratio) in the treatment of osteomitic local infection, without dilution in the preparation of the gypsum site. In thoracic and cardiac surgery, it is applied as irrigation solution by diluting it in mediet treatment (1/10 ratio).



Detro® PW %7,5 Scrub Antibacterial Washing Soap

USAGE AREAS:

- Used for hygienic and surgical hand antiseptics, operated area disinfection and antiseptic washings.

PRODUCT PROPERTIES:

- Ready to use product.
- Suitable for hygienic and surgical antiseptics.
- Compatible with skin.



COMPOSITION:

- %7,5 povidone iodine, auxiliary substances.

MIKROBIOLOGICAL ACTIVITY:

- Bactericidal, fungicidal, virucidal, tuberculocidal.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
	12 x BOTTLE	8680097100856
	20 x BOTTLE	8680097101440



USAGE:

- **Hygienic hand antiseptics:** Apply 5 ml Detro PW %7,5 Scrub to hands, rub during 1 min. and then wash and rinse.
- **Surgical hand antiseptics:** Wet hands and arms up to elbows and rub during 3 minutes with 5 ml Detro PW %7,5 Scrub solution. Rinse with water. Repeat this process a few times.
- **Preparation of the surgical area:** Dampen with water, rinse with Detro PW %7,5 Scrub (average 1 ml 20 cm² area) for 5 minutes, wipe with steril wet gauze, apply Detro PW %10 antiseptic solution to the clean area and allow to dry.

Detro® Purehand

Liquid Soap for Normal Skin



USAGE AREAS:

- Suitable to use at daily working environment and areas that require frequent hand.



PRODUCT PROPERTIES:

- Ready to use product.
- Contains skin softening agents.
- Compatible with skin pH.
- Compatible with sensitive skin.
- Doesn't interact with other products.
- Contains easy rinsed surfactants.
- Nice smell.
- Top pressure pump and wall dispenser for 1 liter bottle.

COMPOSITION:

- Surfactants, moisturizers, softeners, preservatives, coloring, perfume, other auxiliary substances.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
 1L	12 x BOTTLE	8680097100863
 500 ML	20 x BOTTLE	8680097102737



USAGE:

- Detro Purehand is taken one shot from its dispenser and applied to dirty areas on hands and skin. Rinsed properly with water and dried.



Detro® Lotion

Hand and Skin Care Cream

USAGE AREAS:

- It is suitable for frequent washed hands and normal skin. Gives a comfort feeling of holding and touching due to its oil-free appearance. Repairs the damage fatigue on the hands caused by work and supports the skin in daily use.

PRODUCT PROPERTIES:

- Ready to use product.
- Contains glycerin, which gives moisture to the skin.
- Easily absorbed by the skin thanks to its creamy structure.
- Does not produce an oily layer on the skin.
- Suitable for all skin types.

COMPOSITION:

- Moisturizers, softeners, preservatives, perfume, other auxiliary substances.

PACKAGE:

QUANTITY	PACKING TYPE	BARCODE
 500 ML	20 x BOTTLE	8680097100573



USAGE:

- Take one shot to clean and dry hand by its pump or dispenser, and rub to be absorbed.

MEDICAL DEVICES

- Detrowash®
- Detro® Air Spray - Detro® San Air
- Detro® Cleanex



Detrowash® Endoscope Washer & Disinfectant

- **Disinfection Compatibility System:**

Suitable for use with liquid disinfectants for all endoscope devices. Suitable for single use and ready to use disinfectant.

- **Double Tank System:**

In the same device, two different disinfectants can be used according to the usage area of the disinfectant (endoscope, bronchoscope, colonoscope, etc.) and disinfectants are stored in separate tanks without mixing each other.

- **Double Scope System:**

Saves time and solution by disinfection of two endoscopes at the same time.

- **Large Sink System:**

The sink is produced at a diameter which prevents over twisting of endoscopes and at a width which provides containment of double endoscopes.

- **Multiple Scope System:**

Performs the disinfection of endoscopes of all trade marks.

- **Automatic / Manual Washing System:**

Owens several automatic washing programs. Allows users to drop reminder titles on adjusted programs and thus provides easy usage. Allows automatic programs to be run manually.

- **Multi-Language System:**

Turkish, English, Russian, Portuguese, Polish and easy improvable language options allow users to use their own language. At the same time, warning - error messages can be detected more clearly by the user.

- **Self Disinfection System:**

After the operation, cleans the sink and the tanks and makes them ready for next use.

- **Sink Disinfection System:**

If the device is not used for 24 hours or more, the sink is cleaned before disinfection and ready for the next use.

- **LCD Display and Touch Keypad:**

The large LCD display and the touch-button keypad feature make it easy to use and the operation steps to be seen on the screen.

- **Easy to Use:**

There are shortcut keys on the user login screen for the most commonly used keys.

- **Dosage System:**

Provides precise dosing with dosing system connected to concentrated disinfectant, enzymatic cleaner and alcohol storage.

- **Automatic Leak Test System (Optional):**

Developed as an alternative to the standard manual leak test process. Control points can be easily adjusted by the user, can decide whether there is a leak on the endoscope. In case of leakage stops the system, evacuates the liquid in the chamber and warns the user. Records the steps of the automatic leak test graphically when in the process and by printer outputs at the end of the process.

- **Advanced Reporting System:**

It shows the number of uncompleted or completed disinfection operations, total working time, U / V usage time and filter change time and warns the user audibly and visually for change.

- **Password System:**

Prevents unauthorized users from accessing device and program settings.

- **Cover Lock System:**

Thanks to the cover lock system, the cover of the device is locked automatically during the operation and does not open during the processing period (EN 15883).

- **Water Filter System:**

Improves the quality of disinfection by filtering the tap water.

- **U/V System (Optional):**

With the easy changeable and effective stainless U / V system placed in the water supply, it disrupts the structure of harmful microorganisms in water and improves the disinfection quality of the water that will be used for the process. It monitors the U / V life and informs the user. Warns the user of a possible failure in the U / V system or if the U / V deteriorates earlier than the specified life. It records the status with printer output.

- **Barcode System (Optional):**

This system stores the information of the disinfected endoscope and the person who does the disinfection. Also gives a printer output for records.

- **Flow Sensor System (Optional):**

It controls the liquid flows through the pipes through the flow sensors located at the 7 point of the device. Thus, it provides dosing accuracy which directly affects the quality of disinfection and proves the presence of disinfectant which is the most necessary solution for disinfection. Warns the user in the event of a fault.



Detrowash®

Endoscope Washer & Disinfecter

• Tracking Disinfectant Usage Days and Numbers of Usage:

With disinfectant filling, it resets the usage day and number of disinfectant. At the beginning of each disinfection, it reminds the user of these times and records this status with the printer output.

• Protection Circuit:

There is current leakage protection system to protect human life against possible current leakages.

• Waste System:

Provides used water to be sent to waste system automatically.

• Easy Carrying System:

When the device needs to be moved from one place to another, it is wheeled for easy transportation and at the same time it has a locked wheel system for being fixed in place.

• Printer and / or USB Record (Optional):

It gives out the disinfection information (program settings, disinfection realization times, barcodes and user information) to the user by means of the laser printer or it enables the transfer of this information to the digital media by USB port.

• RS-232 Communication Port Output (Optional):

Provides the ability to send all print information to the integrated hospital systems via the RS-232 communication port.

• Neutralization System (Optional):

It allows the use of disinfection chemicals which need neutralization and neutralizes the disinfection liquid and safely sends to the waste system.

• Hepa Filter:

The air supplied to the endoscope channels is sterilized by the Hepa filter system (EN 15883).

• Leakproofing joint:

Prevents the contamination from inside to outside or from outside to inside by means of the sealing gasket between the sink-cover.

• Level Indicators and Distinctive Filling Covers:

Thanks to the level indicators on the front of the device, the disinfectant tank levels are easily visible by the user. At the same time, the user can avoid any errors that may occur due to confusion with the filling caps that are labeled in different colors.

• Manual Storage Discharge Outlets:

Provides a manual discharge of solution tanks, thanks to the new conical tank design, it ensures a minimum amount of liquid in the tank after evacuation of the solutions in the tanks.

• Drying System:

With adjustable Alcohol-Air or Air only options, it provides better drying of the interior of the endoscopes.

• Test Mode and Simulation System:

In order to solve the possible problems, there is a test and simulation system that can control all inputs and outputs of the device.

• Programming:

It has 12 advanced programming systems.

• Power System:

AC 220 / 230V 50/60 Hz Max. 200W 1A.

According to 93/42 EEC directives IIb.

Operation time settings:

Pre-cleaning	1 sec. - 24 hours
Enzymatic cleaning	1 sec. - 24 hours
Rinsing 1	1 sec. - 24 hours
Disinfection	1 sec. - 24 hours
Rinsing 2	1 sec. - 24 hours
Alcohol + air	1 sec. - 24 hours

Leakage test:

Max. Preassure 0,35 bar

Storage capacity:

Clean water storage	15 liters
Disinfectant 1 storage	15 liters
Disinfectant 2 storage	15 liters
Concentrated disinfectant storage	5 liters
Enzymatic cleaner storage	5 liters
Alcohol storage	5 liters

Scope connection system:

Single scope	4 channels
Double scope	6 channels

Operation dosing settings:

Concentrated disinfectant	0 - 10 liters
Enzymatic cleaner	0 - 10 liters
Alcohol	0 - 10 liters

Discharge system:

At back side of device	1 pcs.
At front side of device	5 pcs.

Weight:

Net	80 kg
Packed	140 kg

Dimensions: 60*90*110 cm (W*L*H)



Detrox® Air Spray - Detrox® San Air

Airborne Disinfection



USAGE AREAS:

- Operating rooms, neonates and intensive care areas, laboratories, dental units, ambulances, patient rooms, clinics and all hospital general areas where surface disinfection is required.

DETROX® AIR SPRAY PROPERTIES:

- Enables the solution to penetrate all instruments and equipment in closed areas.
 - Proper for disinfection of areas between 1 - 1.000 m³.
 - The disinfection time of an area of 50 m³ is only 3 minutes.
 - Fast action, the application room can be re-used after 30 - 60 minutes.
 - Easy to start and adjust the program to be applied through the keypad on.
 - Auto printing action through its integrated printer (optional).
 - It can also print 100 pcs of operation retrospectively.
 - It's easy to operate the machine through the short cut keys and it gives the chance to the user to save records for up to 100 rooms through "List Recording" function.
 - Gives the chance to set the timing for start up.
 - Can be controlled remotely from to distance of 50-100 meters through the optional RF Controller.
 - The operation can be paused and resumed just in case.
 - Adjustable screen brightness.
 - Passwords can be adjusted in order to authorize the staff by whom the machine can be used.
 - In order to perform easy and effective pulverization the head is positioned by the angel of 45°.
 - Visible and audible warning system at the beginning and the end the end of the operation.
 - Turkish & English Languages are loaded up as default.
 - Easy to hold through the plastic grip.
 - Particle filter keeps the air access system clean.
 - ABS Body, metal Parts are made of 304 Quality Stainless Steel.
 - Conforms to LVD and EMC directives.
- 93/42 EEC Medical device directive class I.



TECHNICAL DETAILS:

- 3X1.5 mm- 2 mtLength Power Supply Cable
- 220-240 VAC 50/60 Hz
- **Weight:** 7 kg
- **Dimensions:** 360 X 466 X 450 (width X length X height)
- **Power:** 1100W ENGINE

Detro® Air Spray - Detro® San Air

Airborne Disinfection



DETRO® SAN AIR PROPERTIES:

- Ready to use product.
- Contains hydrogen peroxide and colloidal silver that destructs microorganisms.
- Used in the environment disinfection by pulverization.
- Wide spectrum of microbiological activity.
- Aaldehyde and phenol free.
- Leves no trace, no wetness, no gressy film
- %99 biodegradable, ecofriendly formula, no toxicity.
- Non allergic.
- Wide compatibility with surfaces and materilas, noncorrosive.

Biocidal product license dated 20/11/2018 and numbered 2018/125 from the Ministry of Health.



PACKAGE:

COMPOSITION OF DETRO® SAN AIR:

- Stabilized hydrogen peroxide, silver salt complexes.

MICROBIOLOGICAL ACTIVITY:

- Bactericidal (incl. TBC), fungicidal, virucidal, sporicidal.

USAGE:

- The room must be cleaned before application with Detro® Air Spray and Detro® San Air.
- The ready-to-use solution is pulverized with Detro® Air Spray.
- Should be used in closed and unmanned environment.
- Not rinsed.

QUANTITY	PACKING TYPE	BARCODE
1L	12 x BOTTLE	8680097101846



REMOTE CONTROL



Detro® Cleanex Ultrasonic Washing Machine



- In the process of Ultrasonic Cleaning, the material that is desired to be cleaned, is put in the solution and the process is carried out by sending ultrasonic sound waves to the solution.
- High frequency sound waves are used to produce approximately 30.000 times higher and lower pressure changes.
- Sound waves produce millions of microscopic air bubbles.
- Produced air bubbles react to the big pressure changes with exploding inward by extending and shrinking.
- During this inward explosion, a large energy is released.
- At the point of the explosion, temperature increases to 5000°C and pressure increases to hundreds of atm and it forms the shock waves.
- This ultrasonic cleaning happens by the brushing effect of these shock waves by hitting with a great speed to the surface of the material that is desired to be cleaned in the solution.
- Ultrasonic cleaning can be 16 times effective than manual cleaning.



USAGE AREAS:

- Used for cleaning surgical instruments,
- Prostheses,
- Laboratory instruments,
- Small instruments in hospitals,
- Operating rooms,
- Dental laboratories.

PRODUCT PROPERTIES:

- Stainless steel body and boiler,
- Ultrasonic energy converter,
- Ultrasonic timer,
- Thermostat controlled resistance,
- Automatic shutdown,
- Water drainage.

ACCESSORIES

- Dispensers
- Applicators
- Spray Heads
- Disinfection Basins
- Dosing Pumps
- Measuring Cup
- Dilution Device



Dispensers

PRODUCT PROPERTIES:

- Suitable for use with skin and hand antiseptics and care products.
- Easy mounting.
- Available in different models compatible with shower and drop model applicators.
- Long arm support provides hygienic use.



Applicators

PRODUCT PROPERTIES:

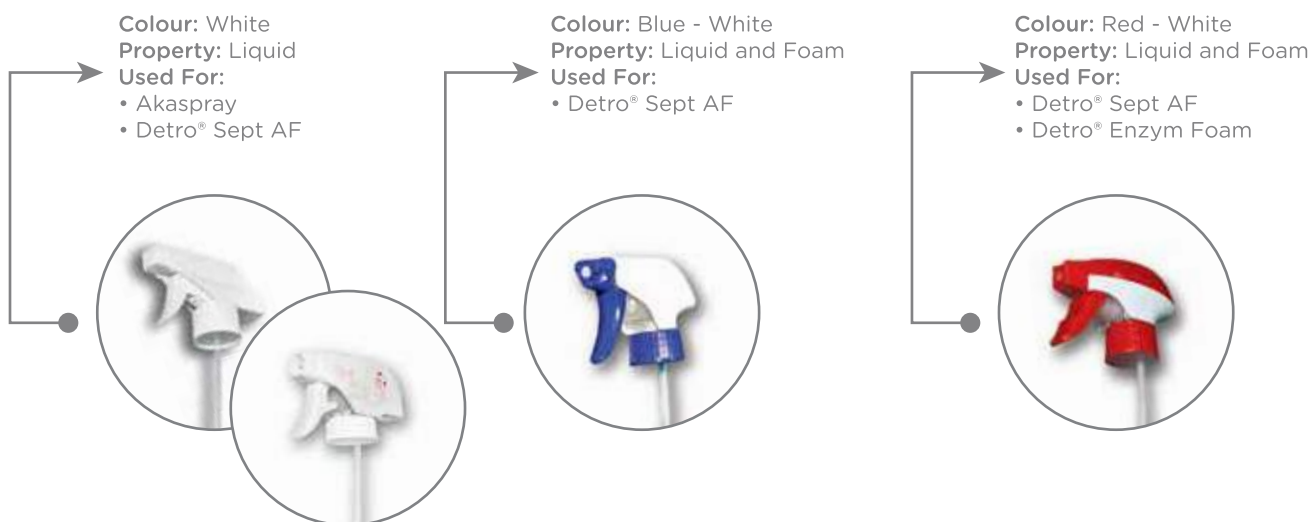
- Suitable for use with skin and hand antiseptics and care products.
- Available in drop and shower models, giving spray and liquid product.



Spray Heads

PRODUCT PROPERTIES:

- Suitable for use in spray form products.
- Liquid and foam generating models are available.



Disinfection Basins

PRODUCT PROPERTIES:

- Used for cleaning and disinfection of flexible and rigid endoscopes and surgical instruments.
- Wide usage range with different size and volume options.
- Slots on the main body for the inner bowl to be drained.
- Smooth, germ free, easy to clean body.
- Produced in strong construction without compromising the material thickness.
- Easy to use with ergonomic cover design.
- Maximum strength against chemicals.
- 'Easy cover' for 3 L model.
- Tap option for 20 L, 30 L models.

Volume	Dimensions (cm)
3 L	L 35 x I 22 x H 10,5
10 L	L 55 x I 25 x H 14
20 L	L 70 x I 30 x H 18,5
30 L	L 70 x I 35 x H 22



Dosing Pumps

PRODUCT PROPERTIES:

- Used for manual dilution of concentrated products at desired ratio.
- Designed to be easily mounted on product packagings.
- Gives 25 ml product in one press.



Measuring Cup

PRODUCT PROPERTIES:

- Used to dilute the liquid concentrate in the desired ratio.
- Capable to take 300 ml liquid.



Dilution Device

PRODUCT PROPERTIES:

- Used to dilute the liquid concentrate in the desired ratio.
- Capable to make % 0,08 - % 25 dilution.



Dosing Schedule

Water Quantity	%0,25	%0,5	%1	%2	%5	%10
1 L	2,5 ml	5 ml	10 ml	20 ml	50 ml	100 ml
5 L	12,5 ml	25 ml	50 ml	100 ml	250 ml	500 ml
10 L	25 ml	50 ml	100 ml	200 ml	500 ml	1000 ml
20 L	50 ml	100 ml	200 ml	400 ml	1000 ml	2000 ml

DISINFECTION PLAN

USAGE AREA	PRODUCTS	SURGICAL CLINICS	ENDOSCOPY	CENTRAL STERILIZATION UNITS	INTENSIVE CARE UNITS	NEWBORN UNITS	CLINICS	DENTAL FIELD	DIALYSIS CENTER
DISINFECTANTS FOR ENDOSCOPES AND MEDICAL INSTRUMENTS	Detro® PAA	●	●	●			●		
	Detro® Activ	●	●	●			●	●	
	Detro® Cid Activ	●	●	●			●	●	
	Detro® Opa	●	●	●			●		
	Detro® Plus Opa	●	●	●			●		
	Detro® Forte	●	●	●			●		
	Detro® Plus	●	●	●			●		
	Detro® Cid Enzym	●	●	●			●	●	
	Akadent Extra	●	●	●			●	●	
	Akadent	●	●	●			●	●	
	Akadent Ready	●	●	●			●	●	
SURFACE DISINFECTANTS	Detro® San Floor	●	●	●	●	●	●	●	●
	Akaspray	●	●	●	●	●	●	●	●
	Akaspray Tücher	●	●	●	●	●	●	●	●
	Detro® Sept AF	●	●	●	●	●	●	●	●
	Detro® Dry Wipes	●	●	●	●	●	●	●	●
	Detro® San AF	●	●	●	●	●	●	●	●
	Detro® San AF Wipes	●	●	●	●	●	●	●	●
CLEANING AND CARE PRODUCTS FOR ENDOSCOPES AND MEDICAL INSTRUMENTS	Detro® Enzym	●	●	●			●	●	
	Detro® Enzym Foam	●	●	●			●	●	
	Detro® Matic Enzym	●	●	●			●	●	
	Detro® Matic A			●					
	Detro® Matic NF-NS			●					
	Detro® Lube	●		●			●	●	
	Detro® Lube Spray	●		●			●	●	
	Detro® Dent			●				●	
	Detro® Multicare R			●				●	
	Detro® Multicare			●					
	Detro® Instruclean	●	●	●			●	●	
	Detro® Hemoplus								●
HAND / SKIN ANTISEPTICS AND CARE PRODUCTS	Detro® Derm	●	●	●	●	●	●	●	●
	Detro® Derm Gel	●	●	●	●	●	●	●	●
	Detro® Hexidin	●	●	●	●	●	●	●	●
	Detro® %7,5 PW Scrub	●	●	●	●	●	●	●	●
	Detro® %10 Scrub	●	●	●	●	●	●	●	●
	Detro® Pure Hand	●	●	●	●	●	●	●	●
	Detro® Lotion	●	●	●	●	●	●	●	●

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