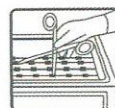


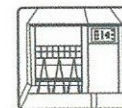
Detro[®] PAA



Suitable for manual usage



Compatible with endoscopes



Usable at endoscopy washer & disinfectors

READY TO USE HIGH LEVEL DISINFECTANT FOR MEDICAL INSTRUMENTS AND ENDOSCOPES

Peracetic Acid - Liquid



RANGE OF APPLICATION

Detro[®] PAA is used for disinfection and cold-sterilization of surgical instruments, anesthesia and dental instruments, rigid and flexible endoscopes by immersing method. It is compatible with instruments that made from plastic, silicon, glass, acrylate, rubber.

PRODUCT PROPERTIES

- Ready to use
- Base and activator are mixed before using
- High level disinfection effect
- 7 days solution life
- Aldehyde and phenol free
- Activity control by test strips

COMPOSITION

Detro[®] PAA base: Hydrogen peroxide, nonionic surfactant, corrosion inhibitors, conservative and auxiliary agent

Detro[®] PAA activator: N-acetylcaprolactam, 1-methyl-2-pyrrolidone

Active composition: % 0,23 peracetic acid that generated by mixing base and activator

MICROBIOLOGICAL EFFECT

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

APPLICATION

- Pour **Detro[®] PAA** activator into base canister
- Close cover and shake thoroughly
- After 10 minutes solution is ready to use
- Activated solution can be used during 7 days in the case of keeping in closed disinfection basin
- Activated solution generates 2200 ppm peracetic acid. Solution can be used until 900 ppm. It need to be controlled by test strips.
- Don't leave instruments in solution more than effect time

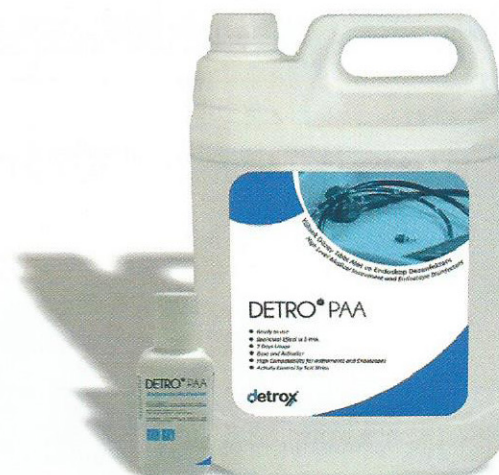
WARNING:

- Don't use at aluminium and instruments that coated with zinc
- Keep at tightly closed package
- In the case of contact with eye, immediately wash plenty of water and consult physician
- Store at dry and ventilated area and away from ignition sources

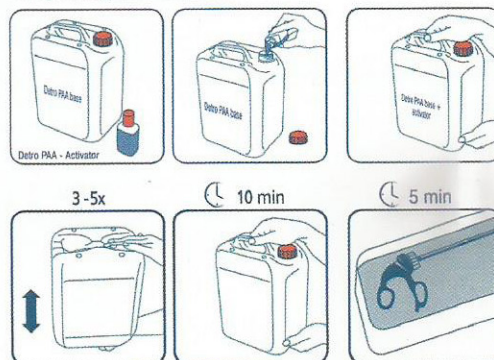
93/42 EEC Medical device directive class IIb

PACKAGE

5 L

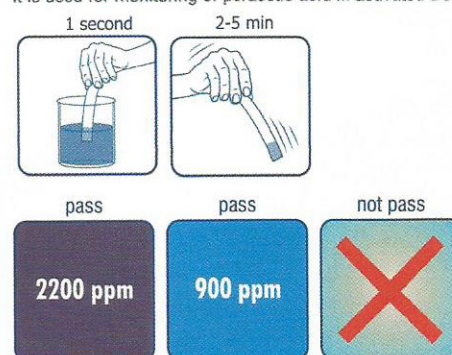


Preparing of Product

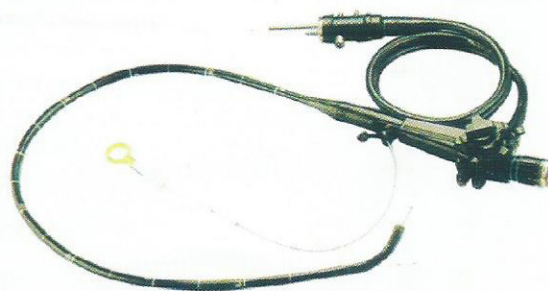


Detro PAA Test Strip

It is used for monitoring of peracetic acid in activated Detro PAA



Usage	Disinfection Sterilization	Activity
Disinfection and sterilization of thermolabile instruments and endoscopes	5 min	Bactericidal (incl. TBC), Fungicidal, Virucidal, Sporicidal



ISO 13485

MEDICAL DEVICE
CE
2195
European Directive
93/42 CEE

Detro[®] Activ



CONCENTRATED HIGH LEVEL MEDICAL INSTRUMENT AND ENDOSCOPE DISINFECTANT AND CLEANER

Peracetic Acid - Powder



RANGE OF APPLICATION

Detro[®] Activ is used for cleaning, disinfection and cold sterilization of instruments like surgery equipments, bronchoscope, flexible and rigid endoscopes. It is compatible with glass, wood, ceramic, silicon, plastic, stainless steel materials.

PRODUCT PROPERTIES

- Powder form
- Cleaning, disinfection and cold sterilization property
- Effective cleaning thanks to enzymes (amylase, lipase, protease)
- Provide long term instrument life thanks to corrosion inhibitors
- Aldehyde and phenol free
- Activity control by test strips
- 24 hours solution life
- Biodegradable

COMPOSITION

Peracetic acid that generated by reaction of disodium carbonate and TAED (tetraacetylenediamine) with water, enzymes (amylase, lipase, protease)

MICROBIOLOGICAL EFFECT

Disinfection - bactericidal (incl. Tbc), fungicidal, virucidal in 10 mins %1 concentration (800-900 ppm peracetic acid)

Cold Sterilization - sporicidal in 10 mins %2 concentration (1600-1700 ppm peracetic acid)

DOSAGE

- Product need to be diluted before usage as it is concentrated. For pre-cleaning and disinfection, it is prepared at %1 concentration (add 10 gr **Detro[®] Activ** into 1 lt water)
- Immerse instruments into solution. After 10 minutes effect time, remove instruments and rinse
- For sterilization, it is prepared at %2 concentration (add 20 gr **Detro[®] Activ** into 1 lt water)
- Don't leave instruments more than effect time in solution
- After effect time, remove instruments and rinse
- Solution needs to be changed daily.

WARNING

- Read usage instructions before using
- Don't use at aluminium, chrome and nickel coated instruments
- Keep at tightly closed package

93/42 EEC Medical device directive class IIb

PACKAGE

2,5 kg.



ISO 13485

Pre-cleaning, Disinfection

1% = 990ml + 10g DETRO ACTIV

Concentration 20°C - 25°C

ACTIVATION 10 min.

Application form:
Contaminated instruments are immersed into DETRO ACTIV solution that prepared at %1 concentration. Instruments are removed after 10 minutes effect time for cleaning and disinfection.

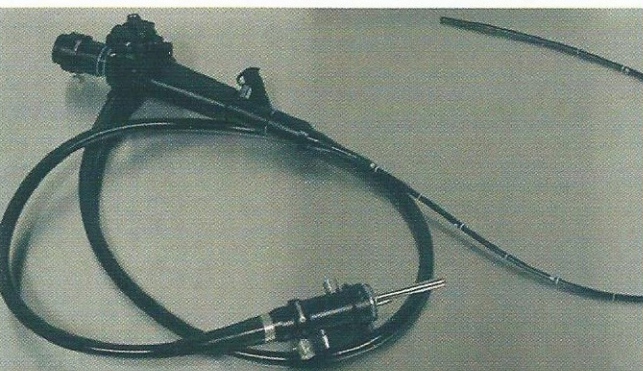
Sterilization

2% = 980ml + 20g DETRO ACTIV

Concentration 20°C - 25°C

ACTIVATION 10 min.

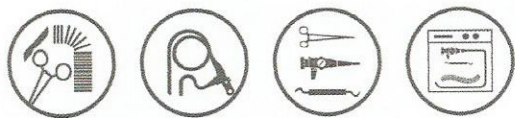
Application form:
Pre-cleaned instruments are immersed into DETRO ACTIV solution that prepared at %2 concentration. After 10 minutes effect time, instruments are removed and rinsed with sterilized water.



Detro[®] OPA



HIGH LEVEL INSTRUMENT AND ENDOSCOPE DISINFECTANT



PRODUCT PROPERTIES

- Ready to use
- Based on Orthophthalaldehyde (%0,55)
- Odorless and do not forms harmful gases.
- Thanks to low toxicity, it makes a safe usage on staff
- Can be used upto 14 days
- Can be controlled by test strips
- Can be used manually
- Thanks to not foaming Formula. Detro OPA is suitable for use in Fully Automated Endoscopy Washer and Disinfector Machine
- Disinfection and Cold Sterilization in 5 mins
- Do not cause corrosion

RANGE OF APPLICATION

- Endoscopic Instruments,
- Surgery Instruments,
- Glass, plastic, microsurgery instruments,
- Aspirator Hoses, etc,

APPLICATION

- Precleaned instruments are fully immersed into Detro OPA solution.
- Wait 5 mins for the contact time.
- After the process, the instruments are removed from the solution and rinsed by distilled water.
- The instruments are dried by a sterile compress or towel.
- In Automated Washer and Disinfector Machines, please follow the manufacturers' user instructions

MICROBIOLOGICAL ACTIVITY

Microorganisms	Norms (EN)	Contact Time
Bactericidal	EN 13727, EN 14561	5 mins
Fungicidal	EN 13624, EN 14562	5 mins
Mycobactericidal (TBC)	EN 14348, EN 14563	5 mins
Virucidal (incl. Adenovirus and PolioVirus)	EN 14476 + A1	5 mins
Sporicidal	EN 13704	5 mins

PACKAGE
5 L

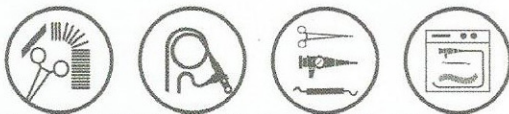
ISO 13485



Detro[®] Forte



HIGH LEVEL INSTRUMENT AND ENDOSCOPE DISINFECTANT



PRODUCT PROPERTIES

Based on Gluteraldehyde (2%)

Can be used upto 28 days

Can be controlled by test strips

Can be used manually

Thanks to not foaming Formula. Detro Forte is suitable for use in Fully Automated Endoscopy Washer and Disinfector Machine

Disinfection in 5 mins and Cold Sterilization in 15 mins.

Do not cause corrosion

RANGE OF APPLICATION

Endoscopic Instruments,
Surgery Instruments,
Glass, plastic, microsurgery instruments,
Aspirator Hoses, etc,

APPLICATION

I. Precleaned instruments are fully immersed into Detro Forte solution.

II. Wait 15 min for the contact time.

III. After the process, the instruments are removed from the solution and rinsed by distilled water.

IV. The instruments are dried by a sterile compress or towel.

V. In Automated Washer and Disinfector Machines, please follow the manufacturers' user instructions

MICROBIOLOGICAL ACTIVITY

Microorganisms	Norms (EN)	Contact Time
Bactericidal	EN 13727, EN 14561	5 min
Fungicidal	EN 13624, EN 14562	5 min
Mycobactericidal (TBC)	EN 14348, EN 14563	5 min
Virucidal (incl. Adenovirus and PolioVirus)	EN 14476 + A1	5 min
Sporicidal	EN 13704	15 min

PACKAGE

5 L

ISO 13485



Detro[®] cid Endo

Detro[®] cid Endo Ready

PRE CLEANING AND
DISINFECTANT SOLUTION
FOR INSTRUMENTS AND
ENDOSCOPES

PRE CLEANING AND
DISINFECTANT SOLUTION
FOR INSTRUMENTS AND
ENDOSCOPES



PRODUCT PROPERTIES

Concentrated Product
Effective Cleaning and Disinfection
15 Days Solution Life
Ultrasonic And Manual Usage
Compatible With Endoscope Brands

RANGE OF APPLICATION

It provides pre-cleaning and disinfection for medical devices and endoscopes and all kind surgical instruments. It cleans organic contaminations like blood, oil, protein, amidos on surfaces. It makes cleaning and disinfection at one step. It is compatible with materials like glass, rubber, wood, ceramic, silicon, plastic and stainless steel.

COMPOSITION

Didecylmethylpolyoxyethyl ammonium propionate,
Bis (3-aminopropyl) dodecylamine,
Corrosion inhibitors, auxiliary substances

MICROBIOLOGICAL PROPERTIES

Bactericidal, Fungicidal, Virucidal, Tuberculosis

USAGE FORM

To prepare at 0,5% concentration, add 5 ml product into 1 ltr water. Immerse instrument into prepared solution. After waiting effect time, take out and rinse plenty of water. Solution life is 15 days. In the case of high contamination, it is recommended to change earlier.

PACKAGE

2 L
5 L

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PRODUCT PROPERTIES

Ready To Use
Effective Cleaning and Disinfection
15 Days Solution Life
Ultrasonic And Manual Usage
Compatible With Endoscope Brands

RANGE OF APPLICATION

It provides pre-cleaning and disinfection for medical devices and endoscopes and all kind surgical instruments. It cleans organic contaminations like blood, oil, protein, amidos on surfaces. It makes cleaning and disinfection at one step. It is compatible with materials like glass, rubber, wood, ceramic, silicon, plastic and stainless steel.

COMPOSITION

Didecylmethylpolyoxyethyl ammonium propionate,
Bis (3-aminopropyl) dodecylamine,
Corrosion inhibitors, auxiliary substances

MICROBIOLOGICAL PROPERTIES

Bactericidal, Fungicidal, Virucidal, Tuberculosis

USAGE FORM

Product is ready to use, not diluted. Immerse instrument into prepared solution. After waiting effect time, take out and rinse plenty of water. Solution life is 15 days. In the case of high contamination, it is recommended to change earlier.

PACKAGE

5 L

93/42 EEC Medical Device Directive Class IIb

ISO 13485



ISO 13485



Detro[®] cid Extra

PRE CLEANING AND
DISINFECTANT SOLUTION
FOR INSTRUMENTS AND
ENDOSCOPES



PRODUCT PROPERTIES

Concentrated Product
Effective Cleaning and Disinfection
High Level Disinfection
15 Days Solution Life
Ultrasonic And Manual Usage
Compatible With Endoscope Brands

RANGE OF APPLICATION

It provides pre-cleaning and high level disinfection for medical devices and endoscopes and all kind surgical instruments. It cleans organic contaminations like blood, oil, protein, amidos on surfaces. It makes cleaning and disinfection at one step. It is compatible with materials like glass, rubber, wood, ceramic, silicon, plastic and stainless steel.

COMPOSITION

Didecylmethylammonium chloride,
Benzalkonium chloride,
Bis (3-aminopropyl) dodecylamine,
Corrosion inhibitors, auxiliary substances

MICROBIOLOGICAL PROPERTIES

Bactericidal, Fungicidal, Virucidal, Tuberculosis

USAGE FORM

To prepare at %0,25 concentration, add 2,5 ml product into 1 lt water. Immerse instrument into prepared solution. After waiting effect time, take out and rinse plenty of water. Solution life is 15 days. In the case of high contamination, It is recommended to change earlier.

PACKAGE

2 L
5 L

93/42 EEC Medical Device Directive Class IIb

ISO 13485



Detro[®] cid Enzym

ENZYMATIC CLEANING AND
DISINFECTANT SOLUTION
FOR INSTRUMENTS AND
ENDOSCOPES



PRODUCT PROPERTIES

Concentrated Product
Effective Cleaning Thanks To Enzymes and Disinfection
Multi Enzymes
Aldehyde and Phenol Free
Ultrasonic And Manual Usage
Compatible With Endoscope Brands

RANGE OF APPLICATION

It provides enzymatic pre-cleaning and disinfection for medical devices and endoscopes and all kind surgical instruments. It cleans organic contaminations like blood, oil, protein, amidos on surfaces. It makes cleaning and disinfection at one step. It is compatible with materials like glass, rubber, wood, ceramic, silicon, plastic and stainless steel.

COMPOSITION

Enzymes (amilase, lipase, protease),
Didecylmethylammonium chloride,
Benzalkonium chloride,
Bis (3-aminopropyl) dodecylamine,
Corrosion inhibitors, auxiliary substances

MICROBIOLOGICAL PROPERTIES

Bactericidal, Fungicidal, Virucidal, Tuberculosis

USAGE FORM

To prepare at %0,25 concentration, add 2,5 ml product into 1 lt water. Immerse instrument into prepared solution. After waiting effect time, take out and rinse plenty of water. Solution life is 15 days. In the case of high contamination, It is recommended to change earlier.

PACKAGE

5 L

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Detro® Instru Clean

CONCENTRATE CLEANER FOR MEDICAL INSTRUMENTS AND ENDOSCOPES



USAGE AREAS

It is used for cleaning of surgical and endoscopic instruments, laboratory equipments, dental instruments. It can be used manually and at ultrasonic washer machines. Detro Instru Clean provides longer term instrument life by dissolving blood and proteins.

PRODUCT FEATURES

- At manual usage, it effects at %0,5 concentration 5 min.
- It prevents corrosion thanks to corrosion inhibitors.
- It provides long term instrument life.
- Thanks to effective cleaning property, it makes disinfection easy.
- At ultrasonic machines, it effects at %0,5 concentration 2 min.

DOSAGE

For normal contamination;

%0,5 concentration- 5 minutes - manually

%0,5 concentration- 2 minutes - at ultrasonic machines

COMPOSITION

Nonionic tensides, corrosion inhibitors, complexing agents, auxiliary substances

USAGE FORM

- According to contamination of instruments, solution is prepared at suit concentration.
- Instruments are immersed into solution thoroughly.
- Wait for 5 minutes.
- Rinse instruments thoroughly.

PACKAGE

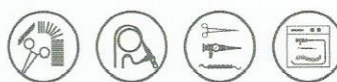
5 L

ISO 13485



Detro® Enzym

ENZYMATIC CLEANER FOR MEDICAL INSTRUMENTS AND ENDOSCOPES



RANGE OF APPLICATION

Detro® Enzym is used for enzymatic cleaning of micro surgical, flexible and rigid instruments, endoscopies and anesthesia equipments, dental instruments, drills. It is compatible with instruments that made from metal, glass, porcelain, rubber etc.

PRODUCT PROPERTIES

- Concentrated product
- Effective in 15 minutes at manual usage
- Effective cleaning property
- Decrease microbic agents by decontaminating organic contaminations
- Decrease corrosion risk by decontaminating inorganic contaminations
- Effective in 5 minutes at ultrasonic cleaner

COMPOSITION

Enzymes (amylase, protease, lipase, cellulose), glycol, nonionic surfactant, quaternary ammonium compounds, anticorrosive agents

DOSAGE

- Product needs to be diluted before using since it is concentrated. It can be diluted at %0,5 concentration (Add 5 ml product into 1 lt water)
- Immerse the instruments into diluted solution
- Manual usage: effects in 15 mins.
- Ultrasonic usage: effects in 5 mins.
- Product shows maximum activity at 35 - 45 °C
- Rinse instruments thoroughly and make ready to next process
- Solution life is max. 24 hours. It can be changed earlier according to contamination level

PACKAGE

5 L

ISO 13485



Detro[®] Multi Care

CONCENTRATE SOLUTION FOR CLEANING,
RUST RESOLVING AND MAINTENANCE



COMPOSITION

Phosphoric acid, annionic surfactant, nonionic surfactant, corrosion inhibitors

PRODUCT PROPERTIES

- Multi Property (cleaning, rust solvent, instrument care)
- Concentrate
- High Material Compatability
- Effective for maintenance of all instruments
- Prevents corrosion

USAGE FORM

- Dilute product at %5 concentration (5 ml product into 1 L water)
- At ultrasonic machines (at 45-55 °C), it makes cleaning in 5-10 min. according to contamination level
- After effect time, rinse instrument with plenty of water.

PACKAGE

5 L

Detro[®] Dent

CONCENTRATE DENTAL
CLEANING SOLUTION



COMPOSITION

Nonionic surfactant, organic acid, emulsifying agent, corrosion inhibitor, deionize water

USAGE AREAS

It is used at stainless steel, crom, nickel surfaces and polyvinyl urethane surfaces using at dental area and used for cleaning organic and inorganic contaminations (cement, alginate) on stated surfaces.

USAGE FORM

Product is concentrated. It is used at %3 concentration (30 ml product is added into 1 L water). At ultrasonic washer machine, it makes cleaning at 5-15 min (at 50-55 °C) according to contamination.

PACKAGE

5 L

ISO 13485



ISO 13485

