

DISINFECTANTS & CLEANERS FOR DENTAL CLINICS

Endodontic Reagents

Instrument Disinfectants & Cleaners

Floor & Surface Disinfectants

Skin and Hand Disinfectants

Purity in Every Drop
Effective, Quality and Consistent Products

About GBL

A trusted domestic manufacturer delivering reliable solutions in the medical and laboratory sectors 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

Our Values

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

Our Quality Certifications

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

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 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

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

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 Licences

Export: Regular exports to more than 20 countries worldwide

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."

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

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

Disinfectant Product Group Trademarks



GBL® DENTAROSA



GBL® MANO™

"More than 30 different formulae."



3926 DENTAROSA HYPO 2

Root Canal Rinser with Sodium Hypochloride 5,25%

During the mechanical canal widening it removes the remains of dead pulp. It cleans the canal and removes the smear layer to expose

- Effective cleaning of organic deposits and dead pulp tissues.
- Fast canal cleaning by reacting quickly with organic substances.
- Canal restoration by softening the dentin surface suitable preparation for.
- Environmentally friendly, convenient packaging.

Instruction: Start the flushing process by gently injecting the liquid into the root canal with the appropriate syringe. As the sodium hypochlorite in the product is rapidly inactivated when in contact with organic matter, it is important to increase the amount of preparation used to approximately 10 ml per canal to ensure effectiveness.

Packaging Information

Order No.	453926030250
Volume	250 ml
1 Carton	30 Bottles
1 Pallet	3.240 Bottles



3927 DENTAROSA HYPO 5,25

Root Canal Rinser with Sodium Hypochloride 5,25%

Liquid for root canal rinsing. Removal of dead pulp residues during mechanical preparation of the root canal. It cleans the canal and removes the smear layer to expose the dentin root canal orifices before final filling.

- Effective cleaning and disinfection of root canals with 5.25% active chlorine.
- Canal restoration by softening the dentin surface for proper preparation.
- Fast canal cleaning by reacting quickly with organic substances.
- Reliable performance and outstanding results.

- Environmentally friendly, convenient packaging.

Instruction: Start the flushing process by carefully injecting it into the root canal with a suitable syringe. It is recommended to use about 10 ml of the preparation per canal to increase its effectiveness, as its sodium hypochlorite content quickly becomes inactivated on contact with organic matter.

Packaging Information

Order No.	453927030250
Volume	250 ml
1 Carton	30 Bottles
1 Pallet	3.240 Bottles



3928 DENTAROSA EDTA 17

Canal Cleaner with EDTA 17%

Dentists and endodontists use EDTA solutions to remove inorganic debris (smear layer) and lubricate the canals in endodontics. This procedure helps prepare root canals for obturation.

- Ideal for optimal cleaning and disinfection of the root canal.
- High success rate in endodontic processes.
- Canal restoration by softening the dentin surface
- suitable preparation for
- Effective removal of calcium and magnesium ions.
- Environmentally friendly, convenient packaging.

Instruction: To open the root canal, inject the appropriate liquid using a syringe with a blunt-tipped needle with a lateral hole. At the same time, mechanically work the root canal for about 1 minute. After the procedure, rinse with purified water. Repeat this procedure several times. Finally, rinsing with sodium hypochlorite is recommended.

Packaging Information

Order No.	453928030250
Volume	250 ml
1 Carton	30 Bottles
1 Pallet	3.240 Bottles



3929 DENTAROSA CHX 2

Root Canal Disinfectant; Chlorhexidine 2%

Use for the disinfection of root canals in order to remove debris. It improves mechanical preparation of root canals. Do not cause teeth discoloration.

- Cleans residues and bacteria.
- Does not cause discoloration of teeth.
- Re-wetting over-dried dentin prior to bonding, providing higher bond strength.
- Reliable performance and outstanding results.
- Environmentally friendly, convenient packaging.

Instruction: After creating and cleaning the root canal holes, prepare the area by rinsing with ROSA-CHEM CHX. Remove the inflamed pulp from the root canal while simultaneously rinsing copiously with ROSA-CHEM CHX and mechanically preparing the canal. At the end of the procedure, aspirate the fluid and canal contents to complete the cleaning.

Packaging Information

Order No.	453929030250
Volume	250 ml
1 Carton	30 Bottles
1 Pallet	3.240 Bottles





6818 DENTAROSA SA CON

Concentrated Disinfectant for Treatment of Suction Systems

Used for cleaning detergent solution for the daily treatment of all types of suction systems, amalgam separators and spittoons. Bactericide, fungicide in 15 minutes.

Ingredients: Didecyl dimethyl ammonium chloride (6%), alkyl dimethyl benzyl ammonium chloride (5%), isopropanol (5%), detergents, chelating agents, defoamer, thickening agents, emulsion agents, protease, buffers, corrosion inhibitors and stabilizing agent. Without aldehyde and phenol.

- High level cleaning and disinfection.
- Effective within 15 minutes.
- Broad material compatibility.
- Free of chlorine, phenol and aldehyde.
- Effective in all qualities of water.
- Neutral pH at dilution of use.



Instruction: At the end of the day, prepare 2 liters of diluted solution using DENTAROSA SA CON. Dilute at 1% (20 ml for 2 liter water). Fill the dosing to 20 ml indicator on the bottleneck. For 5 liter can, press 1 pump. Gently shake the DENTAROSA SA CON to mix the solution. Attach to the suction system and aspirate the diluted solution. To achieve efficacy, a contact time of at least 15 minutes is required. The solution can be left in the system overnight. To complete the treatment, fill the DENTAROSA SA CON with at least 1 liter of clean water and aspirate to flush the system.

Packaging Information

Order No	436818140500	436818131000	436818025000
Package	Dosing Bottle	Dosing Bottle	Jerrycan; 38mm Cap
Volume	500 ml	1 L	5 L
1 Carton	24 Bottles	15 Bottles	4 Jerrycans
1 Pallet	864 Bottles	810 Bottles	180 Jerrycans

6024 DENTAROSA INS RTU

Instrument Disinfectant; RTU

Cleaning and disinfection of dental instruments.

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

- Detergent disinfectant.
- Free of alcohol, aldehyde and phenol.
- Ready-to-use.
- Active from 1 minute.
- Wide material compatibility; especially with acrylic, glass and PVC.
- Quick drying: does not leave trace or greasy film.



Instruction: Ready-to-use. Immerse dental instruments into a container filled with disinfectant solution. Wait for the specified contact time for antimicrobial efficacy. Rinse with sterile distilled water. Dry with sterile wipe.

Store in its original packaging, without direct sunlight, in a shady environment. Keep it tightly closed and in a well-ventilated environment.

Packaging Information

Order No	436024051000	436024015000
Package	Round Transparent Bottle	Jerrycan; 38mm Cap
Volume	1 L	5 L
1 Carton	20 Bottles	4 Jerrycans
1 Pallet	840 Bottles	180 Jerrycans



6726 DENTAROSA OPA

Instrument Disinfectant; Ortho-Phthalaldehyde 0,55%

It is an invasive medical device disinfectant used for the disinfection of dental instruments and materials, dental handpieces, and dental accessories in clinics, helping to prevent risks that may occur for patients.

Ingredients: Ortho-Phthalaldehyde (0,55%), benzotriazole, buffers, antioxidant, and stabilizing agents and RO water. Does not contain quaternary ammonium salts, chlorine, or phenol.

- Free from quaternary ammonium salts, chlorine, phenol.
- Requires no activation and mixing.
- Works within minutes and provides broad spectrum killing power, even in the presence of human serum.
- 2-years unopened shelf-life; 90-days shelf life after opening the bottle.
- Minimizes exposure to fumes, odor or irritation.
- Safe for patients, healthcare professionals, and instruments.
- Substantial reductions in instrument repair and replacement cost.

Instruction: Wipe the outer surface of the surgical instrument with gauze or a cloth to remove mucous membranes, blood and debris adhering to the outer surface. Damp gauze or dry gauze may be used. After wiping with a cloth, the external surface of the instruments should be treated with an enzymatic detergent such as GBL® DENTAROSA ENZ (Ref no: 6760) and rinsed thoroughly before disinfection. Disinfection: A 20 liter soaking tray is used for disinfection. Completely immerse the device in GBL® DENTAROSA OPA solution. * It is recommended to test the disinfectant before each disinfection cycle to ensure that ortho-phthalaldehyde is above the MEC value.

* DENTAROSA OPA can be reused in soaking baths for up to 14 days. *Regardless of the test strip results, do not use the OPA solution beyond the 14-day lifetime.

Packaging Information

Order No	436726051000	436726025000
Package	Round Transparent Bottle	Jerrycan; 38mm Cap
Volume	1 L	5 L
1 Carton	20 Bottles	4 Jerrycans
1 Pallet	840 Bottles	180 Jerrycans





6760 DENTAROSA ENZ

Cleaner for Instruments; Enzymatic

Cleaning and pre-disinfection of dental instruments, dental devices, and thermosensitive dental equipment. DENTAROSA ENZ is suitable for soaking instruments, trays, and ultrasonic cleaning units used in dental clinics.

Ingredients: Glycerol, isopropanol, ethanol (96%), EDTA tetrasodium salt, urea, trisodium phosphate, linear alkyl benzene sulfonic acid, sodium lauryl ether sulphate, sodium hydroxide, enzymatic complex (amylase, lipase, protease), defoamer, RO water.

- High level detergence with 3 enzymes-based formula: protease, lipase, amylase.
- Effective between 5-15 minutes.
- Suitable for soaking baths and ultrasonic bins.
- Broad material compatibility.
- Free of chlorine, phenol and aldehyde.
- Effective in all qualities of water.
- Neutral pH at dilution of use.
- Recommended with GBL® high-level disinfectants.

Packaging Information

Order No	436760131000	436760025000
Package	Dosing Bottle	Jerrycan; 38mm Cap
Volume	1 L	5 L
1 Carton	15 Bottles	4 Jerrycans
1 Pallet	810 Bottles	180 Jerrycans

Instruction: Concentrated product. Dilute with hot or cold tap water. Recommended for manual cleaning and ultrasonic cleaners. Not recommended for use in automatic endoscope reprocessing machines.

Dilute with hot or cold tap water. Depending on protein residue degree, the dilution rate is between 0,25% and 1%. For very dirty instruments pump 4 times (20mlx4) and complete to 8 Liters of water. For relatively clean instruments pump 1 time (20ml) and complete to 8 Liters water. Immerse the instruments into the container. Wait for 5-15 minutes. Scrub the instruments gently with a soft brush. Rinse thoroughly with distilled water (sterile distilled water is preferred). Wipe thoroughly and dry with an absorbent cleaning path. Sterilize the instruments or immerse them in a new soaking bath full of high-level disinfectant. Prepare new solution every day.



6770 DENTAROSA BCR

Remover for Blood, Corrosion and Rust

Removes blood residues, corrosion, rust, and stains on the dental instruments. Routine use of DENTAROSA RC will increase the life and enhance the efficiency of stainless-steel instruments.

- Non-corrosive.
- Usable in ultrasonic bin.
- Compatible with any quality of dilution water.
- Effective between 5-10 minutes.



Ingredients: Non-ionic surfactant, phosphoric acid, butyl glycol, isopropyl alcohol, stabilizing agent, and RO water.

Instruction: Dilute with distilled water at a 1:50 ratio (add 1 x 20 ml pump of the concentrated product to 980 ml of water). Immerse the medical and surgical instruments in the prepared solution (the instruments must be completely submerged in the solution). Wait 5-10 minutes depending on the degree of blood residue, corrosion, rust, and stains. Rinse thoroughly with RO water.

If cloudiness or increased turbidity is observed in the prepared solution, the solution must be replaced. Suitable for use with cold water. Effectiveness decreases as water temperature increases. Not intended for routine use. Use only on devices with rust and corrosion.

Packaging Information

Order No	436770131000	436770025000
Package	Dosing Bottle	Jerrycan; 38mm Cap
Volume	1 L	5 L
1 Carton	15 Bottles	4 Jerrycans
1 Pallet	810 Bottles	180 Jerrycans





6712 DENTAROSA FLO

Floor Disinfectant; Concentrated

DENTAROSA FLO is designed for cleaning and disinfection of hospital and dental clinics floors, walls and surfaces. Organic and inorganic stains are solubilized easily by DENTAROSA FLO. It is a concentrated product to be diluted 1/400. Effective against bacteria, fungi, mycobacteria and virus.

Ingredients: Ortho-Phthalaldehyde (0,55%), benzotriazole, buffers, antioxidant, and stabilizing agents and RO water. Does not contain quaternary ammonium salts, chlorine, or phenol.

- This concentrated product is economical and affordable.
- It contains no aldehydes.
- Its effectiveness against hospital-acquired strains has been proven.
- It leaves no residue.
- It is compatible with hospital-grade floor and wall coverings.
- No rinsing required.
- It is non-corrosive.
- It has a shelf life of 2 years.

Packaging Information

Order No	436712131000	436712015000
Package	Dosing Bottle	Jerrycan; 38mm Cap
Volume	1 L	5 L
1 Carton	15 Bottles	4 Jerrycans
1 Pallet	810 Bottles	180 Jerrycans



Instruction: Dilute the product at a 1/400 ratio with clean tap water. Pump once (20 ml) and make up the solution to 8 liters of water. Immerse the mop thoroughly into the disinfectant container, then mop the floor systematically by keeping the disinfected area directly in front of you during the application process. Replenish the disinfectant solution in the container before entering and treating each new critical area.

6719 DENTAROSA SUR

Surface Disinfectant; Quick

Quick disinfection of medical devices and surfaces in dental clinics, treatment rooms and examination areas. Effective against bacteria, fungi, and mycobacteria. Designed for all surfaces requiring rapid disinfection.



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 RO water.

- Ready to use.
- Wide range of compatible materials.
- Fast-acting: 30 seconds is all it takes.
- Quick-drying: leaves no residue or greasy film.
- Aldehyde-free.
- Shelf life: 2 years.

Instruction: Ready-to-use. Spray completely onto the surface. Wait for 30 seconds. Dry with a sterile wipe.

Store in its original packaging, without direct sunlight, in a shady environment. Keep it tightly closed and in a well-ventilated environment.

Packaging Information

Order No	436719051000
Package	Round Transparent Bottle
Volume	1 L
1 Carton	20 Bottles
1 Pallet	840 Bottles





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.

- 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).

Instruction: 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. No rinsing or drying required. 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

Order No	436215190100	436215200250	436215210500	436215221000
Package	Sprayer Bottle	Sprayer Bottle	Pump Bottle	Pump Bottle
Volume	100 ml	250 ml	500 ml	1 L
1 Carton	120 Bottles	80 Bottles	48 Bottles	24 Bottles
1 Pallet	8.640 Bottles	2.560 Bottles	1.536 Bottles	864 Bottles



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.

- 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).

Instruction: At Pour a small amount (1 pump = .5 mL) onto your dry hands and rub them together using simple rubbing motions in accordance with European Standard EN 1500. No rinsing or drying required. 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

Order No	436085180050	436085190100	436085210500	436085221000
Package	Flip-Top Bottle	Flip-Top Bottle	Pump Bottle	Pump Bottle
Volume	50 ml	100 ml	500 ml	1 L
1 Carton	348 Bottles	120 Bottles	48 Bottles	24 Bottles
1 Pallet	16.128 Bottles	8.640 Bottles	1.536 Bottles	864 Bottles



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.

- 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.

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

Order No	436163210500	436163221000	436163025000
Package	Pump Bottle	Pump Bottle	Jerrycan; 38mm Cap
Volume	500 ml	1 L	5 L
1 Carton	48 Bottles	24 Bottles	4 Jerrycans
1 Pallet	1.536 Bottles	864 Bottles	180 Jerrycans



DISINFECTANTS & CLEANERS FOR DENTAL CLINICS



GBL GÜL BİYOLOJİ LABORATUVARI SANAYİ VE TİCARET ANONİM ŞİRKETİ



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