

DISINFECTANTS AND DETERGENTS

Complete range for cleaning
and disinfection in Clean Rooms.



QSG GROUP

REAL TIME MONITORING INNOVATORS

MOLECULS	GERMICIDAL ACTION	PRODUCT	PACKAGES	CODE	TYPE	SHELF LIFE	REGULATORY FRAMEWORK
Ethyl alcohol	Bactericidal Fungicidal	ALCOL 70	12 bottles of 500 ml	A002509	DM classe II	36 months	MDR
			12 bottles of 1000 ml	A002510	DM classe II	36 months	MDR
			12 packs of 100 wipes	A002511	DM classe II	36 months	MDR
Advanced hydroalcoholic formulation	Bactericidal Fungicidal	SIMPLY GEL	12 bottles of 500 ml	A002512	PMC	36 months	MDR
Sodium hypochlorite 0.55%	Sporicidal Biocidal	CLOR 50 SPRAY	12 bottles of 500 ml	A002517	DM classe II	24 months	MDR
			12 bottles of 1000 ml	A002518	DM classe II	24 months	MDR
			4 tanks of 5 L	A002519	DM classe II	24 months	MDR
Peracetic acid 3%	Sporicidal	PERACETIC	12 bottles of 1000 ml	A002526	DM classe II	36 months	MDR
			4 tanks of 5 L	A002527	DM classe II	36 months	MDR
Hydrogen peroxide 5%	Sporicidal Bactericidal Fungicidal Virucidal	OXY SPRAY	12 bottles of 500 ml	A002513	DM classe II	24 months	MDR
			12 bottles of 1000 ml	A002514	DM classe II	24 months	MDR
			4 tanks of 5 L	A002515	DM classe II	24 months	MDR
			12 packs of 100 wipes	A002516	DM classe II	24 months	MDR
Benzalkonium chloride	Bactericidal Fungicidal Virucidal	BENZALCONIO CONC.	4 tanks of 5 L	A002522	DM classe II	36 months	MDR
		BENZALCONIO	12 bottles of 1000 ml	A002523	DM classe II	36 months	MDR
			4 tanks of 5 L	A002522	DM classe II	36 months	MDR
Alcoholic solution of benzalkonium chloride	Bactericidal Fungicidal Virucidal	ALCOL AMMONIO	12 bottles of 1000 ml	A002520	DM classe II	36 months	MDR
			4 tanks of 5 L	A002521	DM classe II	36 months	MDR
Enzymatic compound	Multi-enzymatic cleaning	NEOZYM	12 bottles of 1000 ml	A002525	DM classe I	36 months	MDR

01. ETHYL ALCOHOL

ALCOL 70

KEY FEATURES

Aqueous ethanol-based solution at 70% v/v, optimised for antimicrobial efficacy through the presence of water, which enhances protein denaturation compared to absolute alcohol.

WIDE AND FAST ANTIMICROBIAL SPECTRUM

Broad-spectrum antimicrobial activity against Gram-positive and Gram-negative vegetative bacteria, fungi, and viruses. Rapid bactericidal activity, with effectiveness demonstrated within short contact times (as low as 30 seconds under clean conditions).

EFFECTIVENESS IN THE PRESENCE OF ORGANIC MATERIAL

Antimicrobial efficacy may be reduced in the presence of organic residues. Under contaminated conditions, extended contact times are required to achieve the desired level of disinfection, as demonstrated by microbiological data.

PRACTICALITY OF USE

Ready-to-use solution requiring no dilution, suitable for application on a wide range of surfaces and process equipment. Rapid evaporation ensures fast drying without leaving residues, supporting high-frequency use and operational efficiency in controlled environments.

STABILITY OF THE SOLUTION FOR USE

Alcol 70 has a shelf life of up to 36 months in its original sealed packaging. After opening, the solution maintains its performance throughout the labelled shelf life, provided appropriate storage conditions are respected.

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A002509

500 ML
12 BOTTLES



A002510

1000 ML
12 BOTTLES

01. ETHYL ALCOHOL

ALCOL 70 WIPES

KEY FEATURES

Pre-impregnated non-woven wipes containing a 70% v/v ethanol solution, designed for rapid and uniform application on surfaces and equipment in controlled environments.

WIDE AND FAST ANTIMICROBIAL SPECTRUM

Broad-spectrum antimicrobial activity against Gram-positive and Gram-negative vegetative bacteria, fungi, and viruses. Rapid action with short contact times, supporting effective surface disinfection in high-frequency use scenarios

EFFECTIVENESS IN THE PRESENCE OF ORGANIC MATERIAL

Antimicrobial efficacy may be reduced in the presence of organic residues. Under contaminated conditions, extended contact times are required to achieve the desired level of disinfection, as demonstrated by standard microbiological data.

PRACTICALITY OF USE

Ready-to-use wipe format ensuring controlled dosing, ease of application, and rapid evaporation without leaving residues. Suitable for use on a wide range of surfaces and equipment in GMP-regulated environments, supporting operational efficiency and compliance with standard procedures.

STABILITY OF THE SOLUTION FOR USE

The product has a shelf life of up to 36 months in its original sealed packaging. After opening, the wipes maintain their performance throughout the labelled shelf life, provided appropriate storage conditions are maintained.



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A002511

12 PACKS OF 100 WIPES

02. ADVANCED HYDROALCOHOLIC FORMULATION

SIMPLY GEL

KEY FEATURES

SIMPLY GEL is a hydroalcoholic hand antiseptic gel formulated with 70% ethyl alcohol and enriched with dermoprotective and emollient agents. The presence of pharmaceutical-grade betaine helps maintain skin hydration, reduces irritation, and prevents the sticky sensation typically associated with alcohol-based gels, ensuring excellent skin tolerability even after repeated use.

WIDE AND FAST ANTIMICROBIAL SPECTRUM

SIMPLY GEL provides rapid and effective antimicrobial activity against Gram-positive and Gram-negative bacteria, including drug-resistant pathogens such as MRSA and VRE, as well as mycobacteria, viruses, and yeasts. According to EN standards, the product achieves bactericidal, yeasticidal, and virucidal efficacy within only 30 seconds of contact time.

EFFECTIVENESS IN THE PRESENCE OF ORGANIC MATERIAL

The formulation combines the rapid antimicrobial action of 70% ethyl alcohol with the protective performance of pharmaceutical-grade betaine, a naturally derived amino acid obtained from sugar beet molasses. Betaine helps maintain skin hydration, reduces irritation caused by repeated applications, and preserves skin softness without altering the antiseptic efficacy of the formulation. This balance between antimicrobial performance and skin tolerability makes SIMPLY GEL particularly suitable for frequent professional use.

PRACTICALITY OF USE

SIMPLY GEL enables effective hand antisepsis without water, rinsing, or towels, making it ideal for healthcare, industrial, and professional environments. The gel formulation allows precise dosing, easy application, and reduced product waste during hand rubbing procedures, improving user compliance and operational convenience.

STABILITY OF THE SOLUTION FOR USE

The formulation maintains its stability and efficacy for 36 months in the original sealed packaging. Once opened, the product remains effective until the expiration date indicated on the label, provided the container is properly closed and the formulation is not contaminated by external agents.

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A002512

500 ML
12 BOTTLES



03. SODIUM HYPOCHLORITE 0.55%

CLOR 50 SPRAY

KEY FEATURES

A ready-to-use aqueous solution based on electrolytically generated active chlorine, designed to provide effective disinfecting performance. The formulation delivers chlorine activity in a practical spray format for rapid surface treatment.

WIDE AND FAST ANTIMICROBIAL SPECTRUM

Active chlorine offers broad-spectrum antimicrobial activity against bacteria, fungi and viruses through a rapid oxidative mechanism of action. This enables effective decontamination across different healthcare and industrial applications.

EFFECTIVENESS IN THE PRESENCE OF ORGANIC MATERIAL

The oxidative activity of chlorine contributes to effective microbial reduction under real-use conditions. However, the presence of high organic loads may reduce disinfectant performance and cleaning prior to application is recommended.

PRACTICALITY OF USE

Ready-to-use spray formulation requiring no dilution or preparation. The application method simplifies use and supports fast implementation in routine cleaning and disinfection procedures.

STABILITY OF THE SOLUTION FOR USE

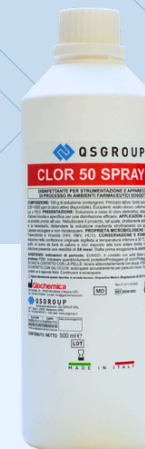
The formulation maintains stable physicochemical characteristics under recommended storage conditions. Appropriate packaging helps preserve active chlorine concentration and product effectiveness throughout its shelf life.



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A002517

500 ML
12 BOTTLES



A002518

1000 ML
12 BOTTLES



A002519

5 L
4 TANKS



04. PERACETIC ACID 3%

PERACETIC

KEY FEATURES

Patented solution consisting of a generator and an activator, designed to provide a more stable, reliable, and rapid formation of peracetic acid.

WIDE AND FAST ANTIMICROBIAL SPECTRUM

High-level disinfectant within 5 minutes and cold chemical sterilant within 10 minutes, capable of eliminating all forms of microbial life, including bacteria, fungi, bacterial and fungal spores, and viruses. Biocidal activity (bactericidal, fungicidal, virucidal, mycobactericidal, sporicidal) within 5-10 minutes.

EFFECTIVENESS IN THE PRESENCE OF ORGANIC MATERIAL

The antimicrobial efficacy of peracetic acid is maintained in the presence of organic substances (e.g., blood, proteins, and biological fluids), as demonstrated under “dirty” conditions. The active substance retains its biocidal performance due to its non-specific oxidative mechanism, which is less susceptible to inactivation by organic matter compared to other classes of disinfectants.

PRACTICALITY OF USE

Ready-to-use solution that does not require dilution. Peracetic acid is generated within a few minutes (maximum 5 minutes) after activation. It can be used both manually and in automated systems (e.g., washer-disinfectors) through a simple transfer procedure of the activator into the generator.

STABILITY OF THE SOLUTION FOR USE

The product, consisting of generator and activator, has a shelf life of 36 months. After activation, PERACETIC remains stable and ensures germicidal efficacy for up to 14 days.

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A002526

1000 ML
12 BOTTLES



A002527

4 TANKS
5 L

05. HYDROGEN PEROXIDE 5%

OXY SPRAY

KEY FEATURES

Balanced formulation based on hydrogen peroxide and ethanol, enhanced by the presence of a surfactant, providing combined detergent and disinfectant action for application on non-immersible components and surfaces.

WIDE AND FAST ANTIMICROBIAL SPECTRUM

Broad-spectrum biocidal activity, including bactericidal, fungicidal, virucidal, and sporicidal efficacy, supported by the synergistic action of hydrogen peroxide and ethanol. Effective within defined contact times ranging from 5 to 30 minutes depending on the required level of disinfection.

EFFECTIVENESS IN THE PRESENCE OF ORGANIC MATERIAL

The formulation combines oxidative (hydrogen peroxide) and protein-denaturing (ethanol) mechanisms, supporting antimicrobial activity in the presence of organic residues. The inclusion of a surfactant enhances soil removal and ensures that application on non-immersible components and surfaces provides both a cleaning and disinfecting effect, improving contact between active substances and contaminated surfaces under real-use conditions.

PRACTICALITY OF USE

Ready-to-use solution requiring no dilution, suitable for spray application on non-immersible surfaces and components. Designed for use in controlled environments (e.g., GMP cleanrooms), ensuring ease of application and process standardization.

STABILITY OF THE SOLUTION FOR USE

The product is stable in its original packaging for up to 24 months. After first opening, the solution maintains its physicochemical and antimicrobial properties for up to 12 months, within the labelled expiry date.

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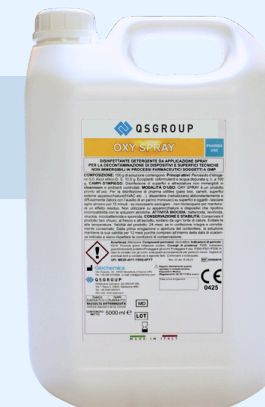
A002513

500 ML
12 BOTTLES



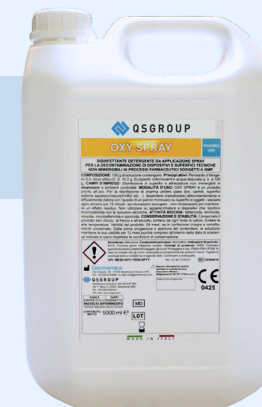
A002514

1000 ML
12 BOTTLES



A002515

5 L
4 TANKS



05. HYDROGEN PEROXIDE 5%

OXY SPRAY WIPES

KEY FEATURES

Combines hydrogen peroxide, ethyl alcohol, and non-ionic surfactants in a single formulation, delivering both disinfecting and cleaning action simultaneously. The ready-to-use solution is free from chlorinated compounds and leaves no residue on treated surfaces, making it ideal for pharmaceutical and cleanroom environments.

WIDE AND FAST ANTIMICROBIAL SPECTRUM

The product provides a broad antimicrobial spectrum against Gram-positive and Gram-negative bacteria, mycobacteria, yeasts, fungi, viruses, and spores. EN-standard efficacy tests demonstrate bactericidal and yeasticidal activity in 5 minutes, mycobactericidal activity in 15 minutes, and sporicidal/virucidal activity in 30 minutes.

EFFECTIVENESS IN THE PRESENCE OF ORGANIC MATERIAL

The synergistic combination of hydrogen peroxide and ethyl alcohol ensures high antimicrobial efficacy even in the presence of organic residues and typical pharmaceutical process contaminants. The surfactant component also enhances mechanical cleaning by facilitating the removal of debris and process residues.

PRACTICALITY OF USE

Ready-to-use solution requiring no dilution and can be quickly applied by spray, non-woven disposable cloth, or impregnated wipes. It is suitable for non-immersible surfaces and equipment, including polycarbonate, plexiglass, isolators, and controlled cabinets, simplifying operational workflows between production cycles.

STABILITY OF THE SOLUTION FOR USE

The stabilized formulation ensures long-term reliability: the product maintains a 24-month shelf life in its original sealed packaging and remains stable for 12 months after first opening, when properly stored below 30°C. The stabilizing agents help preserve hydrogen peroxide performance throughout storage and use.

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A002516



12 PACKS OF 100 WIPES

06. BENZALKONIUM CHLORIDE

BENZALCONIO CONC.

KEY FEATURES

Concentrated disinfectant-detergent solution based on benzalkonium chloride. The synergistic formulation provides both cleaning and antimicrobial action for process equipment and pharmaceutical environments.

WIDE AND FAST ANTIMICROBIAL SPECTRUM

The synergistic interaction between active ingredients ensures bactericidal, fungicidal and virucidal activity. The formulation is designed for cold disinfection applications where high-performance antimicrobial action is required.

EFFECTIVENESS IN THE PRESENCE OF ORGANIC MATERIAL

The detergent properties of the formulation support the removal of residues and improve contact between active substances and contaminated surfaces. This contributes to maintaining disinfection efficiency under practical operating conditions.

PRACTICALITY OF USE

The product can be diluted according to operational requirements and used in ultrasound baths or automated washing systems. This flexibility allows adaptation to different disinfection processes and equipment types.

STABILITY OF THE SOLUTION FOR USE

The concentrated format provides storage efficiency and allows preparation of working solutions when needed. Stability of the active ingredients supports consistent performance throughout the intended shelf life.



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A002522

5 L
4 TANKS



06. BENZALKONIUM CHLORIDE

BENZALCONIO

KEY FEATURES

Ready-to-use aqueous disinfectant solution based on benzalkonium chloride, a quaternary ammonium compound recognized for its high germicidal activity. The neutral pH formulation enhances antimicrobial performance while ensuring compatibility with routine use on non-critical medical devices.

WIDE AND FAST ANTIMICROBIAL SPECTRUM

The active ingredient provides broad antimicrobial efficacy against a wide range of microorganisms. Its mechanism of action disrupts microbial cell membranes, delivering effective bactericidal activity.

EFFECTIVENESS IN THE PRESENCE OF ORGANIC MATERIAL

The formulation maintains disinfecting activity under routine environmental conditions and allows efficient surface decontamination. Performance may be influenced by high levels of organic residues, therefore prior cleaning is recommended for optimal effectiveness.

PRACTICALITY OF USE

Ready-to-use formulation requiring no preparation or dilution before application. Easy handling simplifies workflows and reduces preparation errors, improving operational efficiency.

STABILITY OF THE SOLUTION FOR USE

The aqueous formulation provides stable physicochemical characteristics during storage under recommended conditions. Neutral pH contributes to preserving the efficacy and integrity of the active ingredient over time.

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A002523

**1000 ML
12 BOTTLES**



A002522

**5 L
4 TANKS**

07. ALCOHOLIC SOLUTION OF BENZALKONIUM CHLORIDE

ALCOL AMMONIO

KEY FEATURES

Hydroalcoholic formulation combining ethanol (70% v/v) with a quaternary ammonium compound (benzalkonium chloride), providing synergistic antimicrobial activity through complementary mechanisms of action.

WIDE AND FAST ANTIMICROBIAL SPECTRUM

Broad-spectrum antimicrobial activity against Gram-positive and Gram-negative bacteria, fungi, mycobacteria, and viruses, supported by the combined and synergistic action of ethanol and benzalkonium chloride. Rapid onset of action, with effective disinfection achieved within short contact times (from 30 seconds to 5 minutes depending on conditions).

EFFECTIVENESS IN THE PRESENCE OF ORGANIC MATERIAL

Demonstrates maintained antimicrobial activity in the presence of organic residues, as quaternary ammonium compounds are less affected by organic load compared to alcohol alone. The surfactant properties of benzalkonium chloride reduce surface tension, facilitating penetration into microstructures and enhancing contact with microorganisms under real-use conditions.

PRACTICALITY OF USE

Ready-to-use solution requiring no dilution, suitable for rapid application on surfaces and process components. The hydroalcoholic base ensures fast drying without residues, while enabling uniform distribution across treated surfaces.

STABILITY OF THE SOLUTION FOR USE

The product has a shelf life of up to 36 months in its original sealed packaging. After opening, the solution maintains its physicochemical and antimicrobial properties for up to 12 months, within the labelled expiry date.

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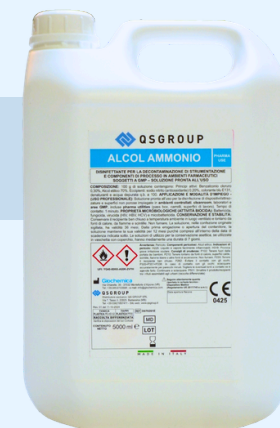


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A002520

**1000 ML
12 BOTTLES**



A002521

**5 L
4 TANKS**

08. ENZYMATIC COMPOUND

NEOZYM

KEY FEATURES

Multi-enzymatic concentrated detergent combining proteases, lipases, and amylases with surfactants, designed to ensure effective degradation and removal of complex organic residues from process equipment and surfaces.

WIDE AND FAST CLEANING SPECTRUM

Broad cleaning efficacy against a wide range of organic contaminants, including proteins, lipids, and polysaccharides. Rapid enzymatic action enables effective dissolution and removal of process residues within short contact times, supporting efficient cleaning workflows.

EFFECTIVENESS IN THE PRESENCE OF ORGANIC MATERIAL

Specifically designed to act on organic residues, enzymatically degrading complex macromolecules into smaller, water-soluble components. This enables effective removal of contaminants even in the presence of high organic load, eliminating barriers that may interfere with subsequent disinfection and sterilisation processes.

PRACTICALITY OF USE

Concentrated formulation to be diluted prior to use (typically 0.15%), suitable for both manual cleaning and automated systems, including ultrasonic baths and washer-disinfectors. Low-foaming characteristics and high wettability ensure optimal penetration into complex geometries and hard-to-reach areas.

STABILITY OF THE SOLUTION FOR USE

The product has a shelf life of up to 36 months in its original sealed packaging. Once diluted, the working solution remains stable for a limited period (up to 7 days if properly stored), depending on organic load and usage conditions.

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A002525

1000 L
12 BOTTLES





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