



DETERGENTS - DISINFECTANTS

Medical Field - Hospitals

Since 1964



Hospitals
Dentistry
Medical Practices
Nursing homes

In the medical field, cleaning and disinfecting are essential for the prevention of nosocomial infection.

Instruments and medical equipment used in operating theatres, in auscultation and examination should be necessarily completely cleaned and disinfected after each use.

RBS range offers adequate solutions for efficient treatment of surgical instruments, endoscopes, mini-invasive instruments, anaesthesia and intensive care equipment, ... before sterilization. Only perfectly clean items can be disinfected or sterilized.

For surfaces, RBS products present a large spectrum of bactericidal, fungicidal and virucidal activities. They allow efficient cleaning and disinfecting of surfaces such as floors, furniture, benches, walls, ...

RBS products are compatible with most of materials in the medical field.

This brochure constitutes an outline of the products of RBS range. For further information, detailed technical sheets are available.

All products presented here conform to the European Directive 93/42/CE relating to medical devices and are marked CE, except for RBS HDS range intended for hand hygiene.

The products are mainly intended for water-based cleaning processes :



Manual



Soaking



Ultrasonic
Bath



Automatic
Washer

I - Instruments and medical equipment



RBS products are intended and recommended for cleaning and decontaminating surgical instruments and medical equipment before chemical disinfection, thermal sterilization (autoclave) or chemothermal disinfection.

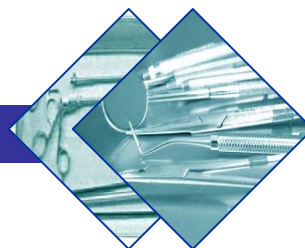
Chemical disinfection : heat-sensitive instruments and medical equipment such as respiratory apparatus, instruments, endoscopes, anaesthetic equipment are treated by immersion in an adequate disinfecting solution (cold sterilization).

Sterilization : after treatment with an RBS cleaning or pre-disinfecting agent, instruments and medical equipment made of stainless steel or other heat-resistant material are sterilized in autoclave or in automatic machine.

Chemothermal disinfection : in this procedure, a disinfecting agent is added after the cleaning cycle of heat-sensitive instruments and equipment in automatic washing machine.



Manual cleaning, by soaking or in ultrasonic bath



RBS M 415 Cleaning and disinfecting agent - Contains quaternary ammonium compounds

CE 1639

Foaming alkaline liquid

Efficiently cleans and disinfects dental and surgical instruments (mini-invasive and micro-surgery, ...), endoscopes, respiratory equipment, anaesthesia material, ...

Besides its efficacy against germs, RBS M 415 removes blood residues, secretions, biofilms, proteins, ...

RBS M 415 is free from aldehydes, phenols and chlorinated agents. It contains corrosion inhibitors which protect the cleaned instruments and equipment and thus extend their shelf life.

Disinfecting properties : NF EN 13727: bactericidal activity in dirty conditions (*Pseudomonas Aeruginosa*, *Staphylococcus Aureus*, *Enterococcus Hirae*). NF EN 13624: fungicidal activity in dirty conditions (*Candida Albican*). NF EN 14348: mycobactericidal and tuberculocidal activity in clean conditions (*Mycobacterium Terrae*, *Mycobacterium Avium*).

RBS 50 MD Cleaning and disinfecting agent - Contains active chlorine

CE 1639

Non foaming alkaline liquid - Surfactants- free

Efficiently removes blood residues, proteins, cells tissue, greases, ointment, ...

Recommended for cleaning and pre-disinfecting endoscopes, surgical and dental instruments and medical equipment made of stainless steel, glass, plastic, porcelain, ...

Disinfecting properties : EN 1040: basic bactericidal activity, EN 1276: bactericidal activity in dirty conditions, EN 1275: basic fungicidal activity, NF T 72-190: bactericidal activity (spectrum 4). Active against HIV-1 virus.

Automatic washers



The automatic treatment of instruments and medical equipment presents the following advantages :

- The reproducibility of the procedures
- Quality control
- Personnel protection
- Validated process

RBS range provides adequate products for each use at temperatures ranging from 40 to 95°C.

Before use, it is important to check the compatibility of the cleaning agent and the suitability for the mechanical cleaning with the instruments and equipment to be cleaned.

The thermal disinfection is only applicable to heat-stable instruments and items. It occurs at the washing or at the final rinsing cycle. The temperature should then reach minimum 93 °C for 10 minutes. This process favours rapid drying due to the residual heat.

The use of a rinsing agents and deionized water is particularly recommended in order to avoid eventual mineral salts traces on the cleaned items.

For optimal efficacy in the cleaning and rinsing cycles, it is especially important to load the basket correctly. Overloading and lack of space between the items should be avoided to allow cleaning solution and rinsing water flows reach all surfaces and cavities.

Besides, for effective cleaning, certain special instruments and apparatus should be dismantled (in accordance with the recommendations of the manufacturer).

Washing machines - Multi-chamber washing systems - Bedpan washers

◆ Cleaning

RBS LVA-H MD Phosphates and chlorine - free cleaning agent

CE

Non foaming alkaline liquid

Very efficient for the intensive mechanical cleaning of surgical instruments, dental and medical equipment made of stainless steel, plastic,...

Complete removal of blood residues, proteins, tissue residues, greases, oils, ointments,...

RBS B 106-H 2 MD Neutral to weakly alkaline detergent

CE

Non foaming liquid

For cleaning instruments and equipment, notably those sensitive to acids and bases such as optics, instruments and containers made of aluminium, anaesthesia materials, bed frames, trolleys and instruments trays ...

The use of RBS B 106-H2 MD **does not need neutralizing agent in case the rinsing is performed with deionized water.**

RBS B 210 T MD Concentrated detergent with high content in active element

CE

Weakly alkaline non foaming liquid

RBS B 210 T MD allows the cleaning of all types of instruments and equipment even the sensitive ones such as endoscopy optics, instruments made of anodized aluminium, anaesthesia materials, bed frames, ...

It efficiently removes blood residues, proteins deposits, ...

RBS B 210 T MD satisfies to the cleaning efficacy test TOSI.

The use of RBS B 210 T MD does not need a neutralizing step.

RBS SOLID A 430 MD Alkaline detergent

CE

Non foaming powder

Particularly efficient for removing blood residues, proteins, greases, oils, ointments, cells tissues ... from laboratory glassware.

Does not leaves traces on the cleaned items even when using tap water.

◆ Neutralization and rinsing

RBS NA 2 MD Acid neutralizer

Non foaming liquid

CE

Neutralizing agent for pre-wash or rinsing of instruments and medical equipment after the main washing cycle. Excellent complement of RBS LVA-H MD.

Easily removes carbonates, hydroxides and eventual calcareous traces both on the cleaned items and on the internal components of the washing machine.

The final rinse is performed with deionized water.

RBS R 60 MD Specific rinsing agent - Fast drying

Non foaming liquid

CE

Neutralizing and rinsing agent for laboratory glassware .

Provides brightness and prevents calcareous deposits.

Ideal complement for RBS SOLID A 430 MD.

RBS M 680 Rinsing agent – speeds up the drying

Non foaming lightly acid liquid

CE

Recommended for the rinsing, after washing, of instruments, medical equipment, bed frames, containers made of plastic, stainless steel, aluminium, ...

Improves the mechanical rinsing and allows fast drying.

Ideal complement of RBS B 106-H2 MD and RBS B 210 T MD.



II - Surfaces & equipment



The cleaning and disinfecting of surfaces (equipment, furniture, floors, benches ...) are very important procedures to maintain the hygiene standards in hospitals, medical practices, dentistry,...

In order to prevent nosocomial infection, it is essential to perform systematic cleaning and disinfecting of operating theatres, intensive care units and other sensitive area.



RBS FOGLEAM MD Cleaning and disinfecting agent for surfaces and medical devices



Foaming neutral liquid

The combined action of aldehydes and quaternary ammonium compounds provides to RBS FOGLEAM MD a large bactericidal spectrum. It prevents spreading of pathogenic germs and assures safety in high risk area.

Efficiently removes blood stains, cells and proteins deposits, greases, oils,...

Recommended for daily cleaning and disinfecting of all frequented area in hospitals. It is particularly suitable for wipeable surfaces.

The citrus perfume leaves a pleasant fresh smell after treatment (*perfume-free formula is available : RBS FOGLEAM (-) MD*).

Without rinsing, RBS FOGLEAM MD remains active for several days.

Disinfecting properties : EN 1040: basic bactericidal activity, EN 1276: bactericidal activity in dirty conditions, NF T 72-190: bactericidal activity (spectrum 4), active against HIV-1 virus.

RBS B 200 A MD Ready-to-use cleaning and disinfecting solution

CE 1639

Foaming neutral liquid

For benches, furniture, equipment, bed frames, trolleys, ...

RBS B 200 A MD is a solution of RBS FOGLEAM MD at a concentration above 2.5% v/v.

It is presented in an easy and practical to use spray.

RBS B 110 MD Ready-to-use cleaning solution for surfaces made of glass or Plexiglas

CE

Foaming neutral liquid

Manual use (spray)

Specially designed for cleaning surfaces made of glass or Plexiglas in the medical field (incubators, apparatus, ...).

Effective for removing dusts, fingerprints, ...

Does not contain alcohol likely to cause cracking in Plexiglas and provides antistatic properties to the cleaned surfaces.

Perfume-free formula is available : *RBS B 110 (-) MD*

RBS M 630 Cleaning, degreasing and descaling agent

CE

Foaming acid liquid

For manual use or spray

Particularly efficient for the removal of scale, metal oxides, salts and inorganic residues.

Suitable for all washable surfaces (floors, toilet, benches, ...) and acid-resistant items.



**RBS HDS 15****Bactericidal liquid handsoap**

Recommended for hygienic hand washing and decontamination.
Its neutral pH allows frequent use with prolonged dermal protection.
Contains moisturizing agents, quaternary ammonium compounds and glycerine.
Bactericidal according to EN 1040 and EN 1499.
Available with /without perfume.

**RBS HDS GEL****Hydro-alcoholic gel**

Suitable for hand disinfection.
Helps to prevent propagation of contagious germs.
Available with pleasant perfume.
Conforms to EN 1040 and EN 1275.
Recommended for hygienic hand disinfection according to EN 1500.
Active against Influenza A H1N1 virus according to EN 14476.

**RBS HDS LOTION****Hydro-alcoholic lotion**

Decontaminating lotion based on alcohol for hand disinfection.
Active against bacteria and fungi according to EN 1040 and EN 1275.
Recommended for hygienic hand disinfection according to EN 1500.

**◆ Pack sizes**

RBS HDS range is available in 500 ml bottle (12 x 500 ml + dispensers)
RBS HDS GEL is also available in 100 ml bottle (24 x 100 ml box)

Liquid RBS products are available in :

- 5 l blue bottle (4 x 5 l box)
- 20 kg blue drum

Liquid RBS products are compatible with the machines pumping systems.
Dispenser for 5 l bottle is available.

Powdered RBS products are available in 5 kg bucket.



Recapitulative table

	RBS M 415	RBS 50 MD	RBS LVA-H MD	RBS B 106-H 2 MD	RBS B 210 T MD	RBS SOLID A 430 MD	RBS NA 1 MD	RBS NA 2 MD	RBS NA 3 MD	RBS R 60 MD	RBS M 680	RBS FOGLYAM MD	RBS B 200 A MD	RBS B 110 MD	RBS M 630	RBS HDS 15	RBS HDS GEL	RBS HDS LOTION
Instruments & equipment	●	●	●	●	●	●	●	●	●	●	●							
Surfaces												●	●	●	●			
Hand hygiene																●	●	●
Manual use / Spray	●	●										●	●	●	●	●	●	●
Immersion	●	●																
Ultrasonic bath	●	●																
Washing machine		●	●	●	●	●	●	●	●	●	●							
Cleaning			●	●	●	●								●				
Cleaning/ disinfection	●	●										●	●					
Cleaning/ pre-disinfection	●	●																
Descaling															●			
Prewash - rinsing							●	●	●	●	●							
Fast drying										●	●							
Concentrated liquid	●	●	●	●	●		●	●	●	●	●	●			●	●	●	●
Ready-to-use solution													●	●				
Powder						●												
Alkaline	●	●	●			●												
Neutral				●*	●*									●		●	●	●
Acidic							●	●	●	●	●				●			
CE 1639	●	●										●	●					
CE			●	●		●	●	●	●	●	●			●	●			

* to weakly alkaline

Chemical Products s.a. Brussels - Belgium guarantees the quality of RBS products by the implementation of the ISO 9001:2008 and ISO 13485:2003 (Medical Devices) Quality Management Systems.



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