CONTEC®
CLEANROOM

Disinfectants and Solutions for Critical Environments

Clean counts most

cleanroom.contecinc.com

About Contec® Cleanroom

Contec has been solving contamination control challenges in a variety of different cleanrooms and controlled environments for more than 34 years.

Contec, Inc. is a leading manufacturer of contamination control products for critical cleaning in manufacturing environments worldwide. Contec's cleanroom wipes, mops and disinfectants are used in various industries across the globe including biotechnology, pharmaceutical, medical device, microelectronics and other critical life science applications.

Experienced: With over 34 years experience, we understand the unique cleaning and contamination control requirements of these highly regulated markets. Our sales and technical support teams are fully trained to assist customers in finding or creating a Contec product that best meets their needs. With experienced, long-established sales representatives all over the world, our customers benefit from personalized service and fast, efficient sample and order turnaround.

Global: Contec owns and operates manufacturing facilities in Spartanburg, South Carolina, Ashington, UK, and Suzhou, China. Contec has distribution centers in Toledo, Ohio, and Vannes, France. All manufacturing facilities' quality management systems are certified to ISO 9001:2015. Contec has operational, sales, and technical service teams in North America, Europe, and Asia. These facilities and dedicated team members give Contec the ability to provide product and technical support to multinational customers with global needs.

Committed to quality: We recognize our customers as the center of our organizational structure. Our employees are committed to meeting each customer's specifications and exceeding each customer's expectations. We will achieve this through the periodic review and continuous improvement of all processes in our management system.

All manufacturing facilities' quality management systems are certified to ISO 9001:2015, which ensures customers receive consistent quality products from development to delivery. As a vertically integrated manufacturer, Contec controls more of the manufacturing process than any other supplier. We invite you to come and visit our manufacturing facilities and find out for yourselves.

Committed to customers: Let us help solve your cleaning challenges. Product samples, demonstrations and trials are always offered free-of-charge. We have regional technical specialists working with our professional sales staff who will come to your location and recommend the best product and practices for your needs. If necessary we can develop unique custom solutions to your problems.

From hydrogen peroxide solutions and IPA, to fast-acting validated sporicidal and broad-spectrum disinfectants, Contec has the cleaning solutions you need.

Contec Cleanroom Disinfectants & Solutions

A wide range of specially formulated chemicals for the cleaning and disinfection of critical and sterile environments

With more than 34 years of experience in contamination control, we understand the importance of maintaining compliance and optimizing best practices when it comes to cleaning and disinfection. Contec offers a wide range of specially formulated chemicals for the cleaning and disinfection of critical and sterile environments. From hydrogen peroxide solutions and IPA, to fast-acting validated sporicidal and broad-spectrum disinfectants, Contec has the cleaning solutions you need.

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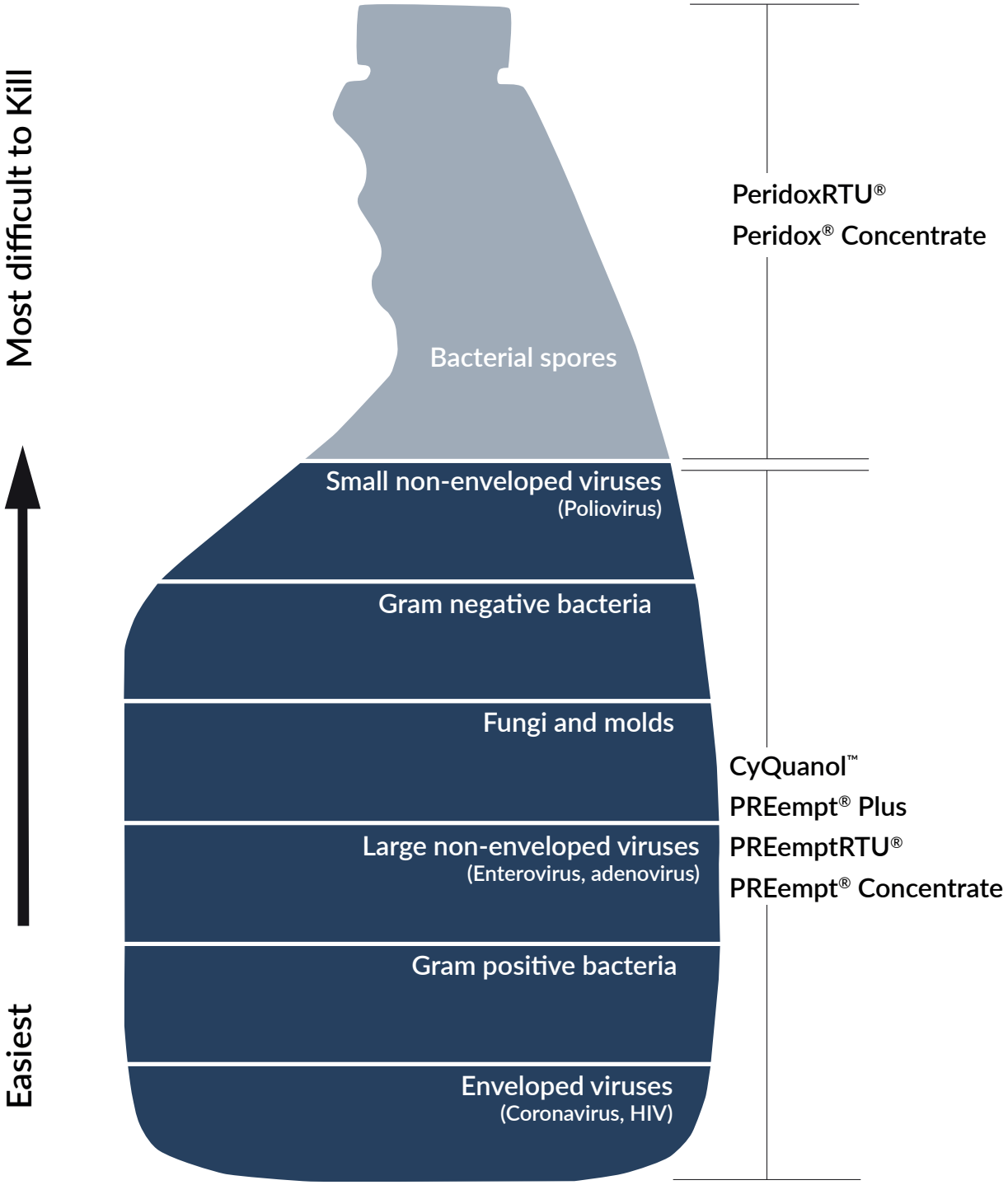
Organism Heirachy



Contec® CyQuanol™

Quaternary ammonium and ethyl alcohol cleaner and disinfectant

Product information

Contec® CyQuanol™ is an EPA-registered broad-spectrum disinfectant with a 1-minute kill time allowing facilities to easily meet required surface dwell times. This blend of quaternary ammonium and ethyl alcohol is 0.2 micron filtered, eliminating the need to filter before use. Both the liquid solutions and presaturated wipes are ready-to-use and generate low residues.

CyQuanol solution and presaturated wipes have a 1-minute bactericidal, virucidal, tuberculocidal and fungicidal contact time. The solution is bleach-free and ready-to-use, making it an excellent choice for transfer disinfection in critical environments.

CyQuanol offers a variety of options for user preference. A trigger sprayer nozzle and reclosable dispenser cap are included with the liquid solution for application preference.

CyQuanol presaturated wipes are available in both meltblown polypropylene and polynit heatseal fabrics. Both lay down a consistent amount of disinfectant solution to surfaces from operator to operator.

CyQuanol is ideal for cleaning and disinfecting environmental surfaces in cleanrooms and laboratory areas including work stations, fume hoods, equipment and other hard non-porous environmental surfaces. It is available sterile and nonsterile.

- 0.2 micron filtered making it ideal for use in any critical environment
- 1-minute contact time to maintain compliance and achieve appropriate dwell time
- Available sterile in liquid solution and presaturated wipes

Part No.	Description		Size	Packaging
FBT32CQ	Contec CyQuanol Double bagged		32 oz. (0.95 L)	12/case
SBT32CQ	Contec Sterile CyQuanol Double bagged	Sterile	32 oz. (0.95 L)	12/case
FBC128CQ	Contec CyQuanol Double bagged		1 gallon (3.8 L)	4/case
SBC128CQ	Contec Sterile CyQuanol Double bagged	Sterile	1 gallon (3.8 L)	4/case
PSPPCQ01	PROSAT Wipes with CyQuanol, Meltblown polypropylene		9” x 11” (230 x 280 mm)	30/pouch; 50 pouches/case
PSPPCQ02	PROSAT *Sterile* Wipes with CyQuanol, Meltblown polypropylene	Sterile	9” x 11” (230 x 280 mm)	30/pouch; 48 pouches/case
PSPNCQ01	PROSAT Wipes with CyQuanol, Polynit Heatseal		9” x 9” (230 x 230 mm)	20/pouch; 40 pouches/case
PSPNCQ02	PROSAT *Sterile* Wipes with CyQuanol, Polynit Heatseal	Sterile	9” x 9” (230 x 230 mm)	20/pouch; 40 pouches/case

- Kills spores in 3 minutes making it ideal for terminal cleaning
- Excellent material compatibility that will not damage most surfaces in cleanrooms
- Available validated sterile and can be used in any critical environment

PeridoxRTU® Sporicide, Disinfectant and Cleaner

Hydrogen peroxide and peroxyacetic acid sporicide, disinfectant and cleaner

Product information

PeridoxRTU® is an EPA-registered broad-spectrum disinfectant that kills spores and more than 40 other microorganisms. PeridoxRTU is fast acting and effective against bacterial spores in 3 minutes, bacteria and viruses in 2 minutes, fungi in 1 minute and TB in 5 minutes. For disinfecting in the most critical of cleanrooms and controlled environments, PeridoxRTU is available validated sterile to a 10^{-6} SAL.

This unique, fast acting sporicide, disinfectant and cleaner leaves no film on surfaces, making it ideal for use in critical areas*. With its short contact times and powerful wetting agents, PeridoxRTU stays wet on the surface longer and works faster to ensure dwell times are met. The result: assured efficacy against hard-to-kill spores and other dangerous pathogens every time you clean and disinfect.

PeridoxRTU provides maximum efficacy without the risk of damage to stainless steel and other sensitive surfaces as well as the handling and mixing of concentrated chemicals. The ready-to-use formula eliminates the exposure of personnel to harsh chemicals and the time and labor necessary to dilute chemicals to the required concentration.

Part No.	Description		Size	Packaging
CR85335IR	Sterile PeridoxRTU Reclosable cap** Double bagged	Sterile	32 oz. (0.95 L)	6/case
CR85335	PeridoxRTU Reclosable cap		32 oz. (0.95 L	6/case
CR85336IR	Sterile PeridoxRTU Capped, double bagged	Sterile	1 gallon (3.8 L)	4/case
CR85336	PeridoxRTU Capped		1 gallon (3.8 L)	4/case
CRPERTRIGEB	PeridoxRTU Irradiated foaming trigger for CR85335			6/case

*Although rinsing is not required, best results are achieved by rinsing surfaces with IPA, hydrogen peroxide, or DI quality water after disinfection with PeridoxRTU.

**Use of reclosable cap is recommended

Peridox® Concentrate

Concentrated hydrogen peroxide and peroxyacetic acid sporicide, disinfectant and cleaner for larger facilities

Product information

Peridox® Concentrate is an EPA-registered concentrated disinfectant and cleaner that kills spores in 3 minutes. This broad-spectrum disinfectant is also fast acting and effective against bacteria and viruses in 2 minutes, fungi in 1 minute and TB in 5 minutes. Peridox has more than 40 EPA-registered claims.

Peridox Concentrate provides cleanroom facilities with a cost effective approach which enables the use of a high-level sporicidal disinfectant every day, facility wide. The concentrate offers the benefit of providing the user with an optimum amount of chemistry to do the job and keep the odor profile at a minimum. Upon dilution, the exact amount of chemical is delivered each time and has the correct balance of active ingredients and surfactants to ensure thorough cleaning and sporicidal disinfection. Additionally, the product will not damage sensitive equipment and common cleanroom surfaces under normal, routine use.

Peridox has a 2-year maximum shelf life from the manufactured date. Shelf life of diluted product can vary. We recommend verifying the concentration of actives using Peridox Concentrate Test Strips (SPTS-100PAA) before use.

- Kills spores in 3 minutes making it ideal for terminal cleaning
- Cost effective concentrate for larger areas
- Ideal for use in many cleanroom environments

Part No.	Description	Size	Packaging
CR85342NK	Peridox Concentrate Capped	1 gallon (3.8 L)	4/case
SPTS-100PAA	Peridox Concentrate Test Strips* (Confirms dilution)	-	100/box

*Confirm minimum recommendation of dilution ratio with test strips

- Low levels of hydrogen peroxide means it's less hazardous for users
- 1-minute kill time makes it easier to maintain compliance and appropriate dwell time
- Low residue and suitable for most critical environments

PREempt® Plus Disinfectant and Wipes

Broad-spectrum disinfectant utilizing Accelerated Hydrogen Peroxide®

Product information

PREempt® Plus EPA-registered disinfectant is a formulation of Accelerated Hydrogen Peroxide® (AHP®) with a 1-minute or less kill time for viruses, bacteria, fungi, and TB making it easy to meet required dwell times.* It is a ready-to-use, one step broad-spectrum cleaner and disinfectant designed for cleaning and disinfecting hard, non-porous surfaces.

PREempt Plus has lower residue than the original PREempt RTU formula, making it more suitable for critical environments. It is odor free and contains no volatile organic compounds (VOC) and carries no hazard classifications.

PREempt Plus utilizes Accelerated Hydrogen Peroxide® (AHP®), a patented synergistic blend of commonly used ingredients, that when combined with low levels of hydrogen peroxide dramatically increase its efficacy and cleaning performance.

PREempt Plus solution and wipes products are ideal for cleaning and disinfecting environmental surfaces in cleanrooms and laboratory areas including workstations, fume hoods, equipment and other hard non-porous environmental surfaces.

*Animal viruses may require contact times of 30 seconds - 3 minutes. Please refer to the product label for more information

Part No.	Description	Size	Packaging
2B101	PREempt Plus Includes 12 flip-top caps	32 oz. (0.95 L)	12/case
2B105	PREempt Plus Capped	1 gallon (3.8 L)	4/case
2B221	PREempt Plus Wipes Meltblown polypropylene wipes	6" x 7" (152 x 178 mm)	1/case
ACCTRIGR	Non-aerosol trigger sprayer for 32 oz. bottle	-	12/case

PREempt® RTU Disinfectant and Wipes

Broad-spectrum disinfectant

Product information

PREempt® RTU utilizes Accelerated Hydrogen Peroxide® (AHP®), a patented synergistic blend of commonly used ingredients, that when combined with low levels of hydrogen peroxide dramatically increase its efficacy and cleaning performance. AHP combines hydrogen peroxide with surfactants, wetting and chelating agents to create an ideal one step disinfectant cleaner.

PREempt RTU has a broad-spectrum non-food contact sanitizing claim in 30 seconds, bactericidal claim in 1 minute, general virucide claim in 1 minute, and fungicidal claim in 10 minutes.

It contains no Volatile Organic Compounds (VOCs) and leaves minimal residues on surfaces once dry. All ingredients are listed on the EPA and Health Canada Inerts lists and the FDA Generally Regarded as Safe List (GRAS).

PREempt RTU products are not available sterile. These products are ideal for cleaning and disinfecting environmental surfaces in cleanrooms and laboratory areas including work stations, fume hoods, equipment and other hard non-porous environmental surfaces.

- Low levels of hydrogen peroxide means it's less hazardous for users
- Contains no VOCs and is safe to use in critical environments
- Compatible with a wide range of material

Part No.	Description	Size	Packaging
21101	PREempt RTU Disinfectant Capped	32 oz. (0.95 L)	12/case
21105	PREempt RTU Disinfectant Capped	1 gallon (3.8 L)	4/case
21109	PREempt RTU Disinfectant Container	5 gallon (19 L)	1/case
21221	PREempt RTU Wipes Meltblown polpropylene	6" x 7" (152 x 178 mm)	12/case
ACCTRIGR	Non-aerosol Trigger Sprayer For use with 32 oz. bottle	32 oz. (0.95 L)	12/case
HDP012	Ezi-Action 25/5 Hand Pump For 5 gallon (19 L) Containers	-	1/case
WRN001	Bung Wrench For 5 gallon (19 L) Containers	-	1/case

PREempt® Concentrate Disinfectant Solution

Concentrate one-step cleaner and disinfectant

- Concentrated formula is cost-effective for larger facilities
- Low levels of hydrogen peroxide means it's less hazardous for users
- Contains no VOCs and is safe to use in critical environments

Product information

PREempt® Concentrate is an EPA-registered cost-effective solution for cleaning and disinfecting large areas of cleanroom or controlled environment. Once diluted (1:16), PREempt Concentrate has a broad-spectrum non-food contact sanitizing claim in 30 secs, bactericidal claim, general virucide claim, and fungicidal claim in 5 minutes.

It leaves minimal residues on surfaces once dry. All ingredients are listed on the EPA Inerts lists and the FDA Generally Regarded as Safe List (GRAS).

PREempt Concentrate is available in a convenient capped 1 gallon container which can be fitted with a hand pump. PREempt Concentrate is an ideal cost effective solution for cleaning and disinfecting environmental surfaces in cleanrooms and laboratory areas.

Part No.	Description	Size	Packaging
21305	PREempt Concentrate	1 gallon (3.8 L)	4/case
HDP001	Hand pump for PREempt Concentrate For 1 gallon containers	-	1/case

Contec® IPA

USP grade isopropyl alcohol

Product information

Nonsterile

Contec® IPA contains USP grade isopropyl alcohol (IPA) and USP grade purified water. Filtered to 0.2µm, bottles are double bagged to assure product quality. Each bottle has a lot code and expiration date for easy record keeping.

A convenient trigger sprayer with settings for stream or mist spraying is included with the 16 and 32 oz. bottles. The stream setting is ideal for targeting specific hard to reach areas, while the mist setting is used to cover larger surfaces. Each leakproof bottle is induction sealed, capped and shipped with a trigger sprayer to eliminate the occurrence of leakage.

Sterile

Contec® Sterile 70% IPA contains 70% by volume USP grade isopropyl alcohol (IPA) and 30% USP grade purified water. Filtered to 0.2µm and induction sealed to assure sterility, the bottles are double bagged and gamma irradiated. Each bottle has a lot number code and expiration date for easy record keeping. Product expires 5 years after date of manufacture. Validated sterile to a 10^{-6} Sterility Assurance Level (SAL) per ANSI/AAMI/ISO 11137 guidelnes.

Note: Sterility validation is performed after trigger sprayer is installed.

- Filtered through a 0.2 micron in-line filter eliminating the need for in-house filtration
- USP grade isopropyl alcohol evaporates and leaves extremely low residues
- Available sterile for the most critical environments

Part No.	Description		Size	Packaging
SB167030IR	Contec Sterile 70% IPA With separate trigger sprayer	Sterile	16 oz. (0.47 L)	12/case
SB327030IR	Contec Sterile 70% IPA With separate trigger sprayer	Sterile	32 oz. (0.95 L)	12/case
SB1287030IR	Contec Sterile 70% IPA Capped	Sterile	1 gallon (3.8 L)	4/case
SBT167030	Contec Sterile 70% IPA Trigger Spray		16 oz. (0.47 L)	12/case
SB327030	Contec 70% IPA Capped		32 oz. (0.95 L)	12/case
SB1287030	Contec 70% IPA Capped		1 gallon (3.8 L)	4/case
SB128100	Contec 100% IPA Capped		1 gallon (3.8 L)	4/case

- Hydrogen peroxide cleaner leaves very low residues, is nonflammable and generates no VOCs
- Guaranteed endotoxin level of less than 0.25 EU/ml making it ideal for product contact areas
- Trigger installed "bag in bottle" protected system eliminates the risk of solution being contaminated when installing the trigger

Contec® HydroKlean Solution

6% hydrogen peroxide and Water for Injection

Product information

Contec® HydroKlean is a blend of 6% hydrogen peroxide and water for injection that leaves little to no residue on surfaces making it ideal for the most critical environments. Hydrogen peroxide breaks down to water and oxygen in use and generates no Volatile Organic Compounds (VOCs). HydroKlean's 6% hydrogen peroxide is not classed as corrosive and can be used safely in all areas of a cleanroom.

Contec HydroKlean has a certified endotoxin level of <0.25 EU/ml making it ideal for use in product contact areas. The product is 0.2µm filtered and sterile filled into pre-irradiated containers under Grade A unidirectional airflow and bagged in a Grade B/ISO Class 5 cleanroom. It is nonflammable so it's ideal for use across large areas of a cleanroom or where sparks may be an issue. As Contec HydroKlean is very low residue, it eliminates the need for a residue removal stage with alcohol or water.

The 34 oz. (1 L) "bag in bottle" system protects contents during use and has an installed trigger sprayer. It's also available in a 170 oz (5 L) capped container for larger facilities. Certificates of analysis are available for each batch.

Contec HydroKlean is double or triple bagged allowing for ease of entry into controlled environments. The linear tear bags are easy to open even when wearing gloves.

Part No.	Description		Size	Packaging
SBT34HK6IR	Contec HydroKlean Solution Trigger Spray, triple bagged	LE Low Endotoxin	34 oz. (1 L)	6/case
SBC170HKLE	Contec HydroKlean Solution Double bagged	LE Low Endotoxin	170 oz. (5 L)	2/case

Contec® Irradiated 70% IPA LE

Low endotoxin irradiated alcohol and Water for Injection

Product information

Contec® Irradiated 70% IPA LE contains 70% USP grade isopropyl alcohol (IPA) and 30% Water for Injection (WFI) and certified to have an endotoxin level < 0.25 EU/ml, making it suitable for product contact surfaces. The alcohol blend is 0.2 micron filtered, filled, and bagged in an ISO Class 7 cleanroom.

The "bag in bottle" system protects contents during use. The bottles are provided with the triggers installed and gamma irradiated at no less than 25kGy. Each lot is sterility tested and certified.

Available as a 17 oz. and 34 oz. trigger spray bottle, the trigger sprayers are fitted with a protected system, which ensure sterility throughout use. Each bottle has a lot code and expiration date for easy record keeping. The product has a 3-year unopened shelf-life from date of manufacture and a 6 month in-use shelf-life.

- 70% IPA and 30% WFI leaves no residue on surfaces
- Guaranteed endotoxin level of less than 0.25 EU/ml makes it ideal for use in product contact areas
- Trigger installed "bag in bottle" protected system eliminates the risk of IPA being contaminated when installing the trigger

Part No.	Description		Size	Packaging
SBT167030LE	Contec Irradiated 70% IPA LE Sterile 70% isopropyl alcohol in water for injection trigger spray	LE Low Endotoxin	17 oz. (0.5 L)	8/case
SBT347030LE	Contec Irradiated 70% IPA LE Sterile 70% isopropyl alcohol in water for injection trigger spray	LE Low Endotoxin	34 oz. (1 L)	6/case

Contec® NeutraKlean Solution

Neutral detergent in purified water

Product information

Contec® NeutraKlean is a gentle and non-foaming detergent that is ideal for carrying out the low-level cleaning required after maintenance, and to remove disinfectant residues and general soil. This surfactant/detergent has a pH after irradiation between 6.0 and 8.0 and helps to break the binding of particles and dirt to a surface and allows them to be more easily removed.

NeutraKlean is 0.2 µm filtered and filled under ISO Class 5 airflow and packaged in an ISO Class 7 cleanroom. Ready to use, the product is available in a 34 oz. trigger spray with a "bag in bottle" system to protect the contents during use. A nonsterile version is available in a 1.3 gallon capped container.

Both the sterile and filtered product are provided double bagged to aid the transfer of the product into a pharmaceutical cleanroom. The linear tear bags are easy to open even when wearing gloves.

- Low foaming detergent to remove disinfectant residues and general soil
- 0.2 micron filtered and ideal for all areas of the cleanroom.
- Trigger installed "bag in bottle" protected system eliminates the risk of solution being contaminated when installing the trigger.

Part No.	Description		Size	Packaging
SBT103NK	Contec Irradiated NeutraKlean Trigger spray	Sterile	34 oz. (1 L)	6/case
FBC503NK	Contec NeutraKlean		1.3 gallon (5 L)	2/case

Contec® Disinfectant and Solution Rotation

A disinfectant program typically consists of a disinfectant used daily on all surfaces, and a sporicide used routinely based on environmental monitoring. A cleaner or detergent can be used periodically if residue build-up becomes a problem or after maintenance. Ideally, these three steps would be followed with a rinse stage with either IPA, hydrogen peroxide (such as HydroKlean), or Water for Injection.

DAILY

Use everyday on all surfaces.

Disinfectants

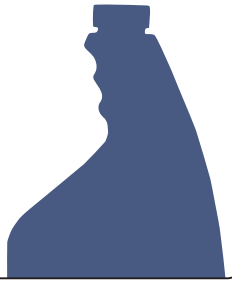
- CyQuanol™
- Sterile CyQuanol™
- PREempt® Plus
- PREempt® Concentrate

ROUTINELY

Use based on room environment monitoring.

Sporicide

- PeridoxRTU®
- Sterile PeridoxRTU
- Peridox® Concentrate



PERIODICALLY

Use to remove built up residue or when needed.

Detergent

- NeutraKlean
- Sterile NeutraKlean

RINSE

Use after cleaning and disinfecting.

Rinse

- IPA
- HydroKlean
- WFI
- Water

For more information or to purchase Contec® Cleanroom products, contact our sales team.

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