



# Disinfectants and Solutions for Critical Environments

*Clean counts most*



# 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 are ISO 9001:2015 certified. 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 sites are currently certified to ISO 9001:2015, which ensures customers of 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

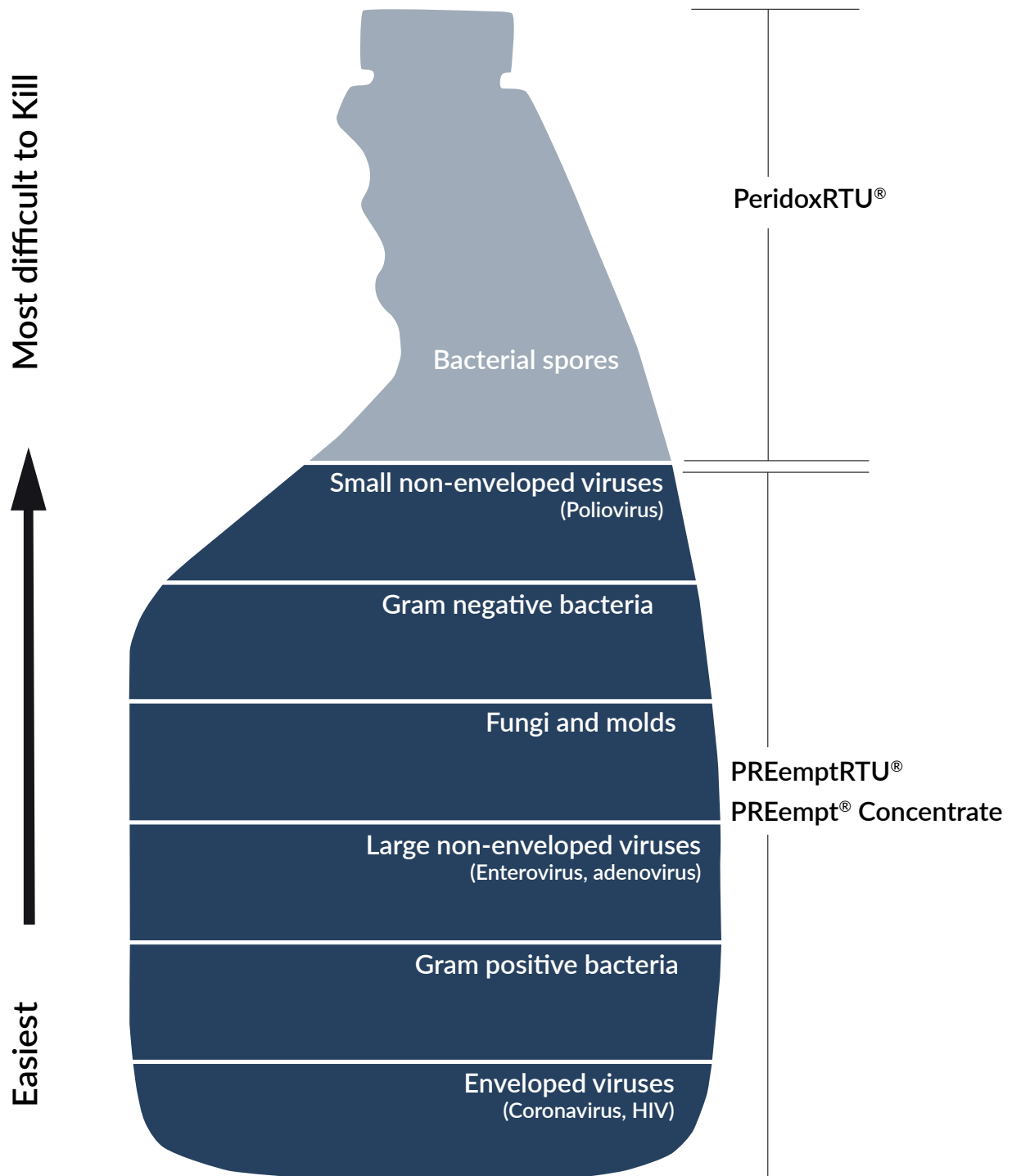
## A wide range of specially formulated chemicals for the cleaning and disinfection of critical and sterile environments

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 Hierarchy



Products listed have short dwell times for surface disinfection against spores, bacteria, viruses and/or fungi.

# PeridoxRTU® Sporicide, Disinfectant and Cleaner

Hydrogen peroxide and peracetic acid sporicide, disinfectant and cleaner

## Product information



**PeridoxRTU®** is a Health Canada 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.



- 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

Part No.	Description		Size	Packaging
CR85365IR	Sterile PeridoxRTU Reclosable cap** Double bagged	 <b>Sterile</b>	0.95 L	6/case
CR85365	PeridoxRTU Reclosable cap		0.95 L	6/case
CR85366IR	Sterile PeridoxRTU Capped, double bagged	 <b>Sterile</b>	3.8 L	4/case
CR85366	PeridoxRTU Capped		3.8 L	4/case
CRPERTRIGEB	PeridoxRTU foaming trigger for CR85365IR and CR85365		-	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.



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

## PREempt® RTU Disinfectant Solution 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 3 minute, general virucide claim in 3 minute, and fungicidal claim in 3 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 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.

Part No.	Description	Size	Packaging
11101	PREempt RTU Disinfectant Reclosable cap** Ready-to-use	1 L	12/case
11105	PREempt RTU Disinfectant Ready-to-use	4 L	4/case
11221	PREempt RTU Disinfectant Wipes Meltblown polypropylene	15.2 x 17.8 cm	160/canister; 12 canisters/case
ACCTRIGR	Non-aerosol trigger sprayer for 1 L bottle	-	12/case

# PREempt® Concentrate Disinfectant

## Concentrate one-step cleaner and disinfectant

### Product information

**PREempt® Concentrate** is a Health Canada registered cost-effective solution for cleaning and disinfecting large areas of cleanroom or controlled environment. Once diluted (1:40), 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 4 L 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.



- 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

Part No.	Description	Size	Packaging
11305	PREempt Concentrate Disinfectant	4 L	4/case
HDP001	Hand pump for PREempt Concentrate For 4 L containers	-	1/case



- Chemical sterilant
- Ideal for semi-critical and critical devices for which heat sterilization is not suitable
- Allows for disinfection of non-autoclavable devices

## PREempt® CS20

### Sterilant and high level disinfectant

#### Product information

**PREempt® CS20** is a 20 minute chemical sterilant and high level disinfectant. The exceptional safety profile of this 7% Accelerated Hydrogen Peroxide® (AHP®) solution means there is no special ventilation required. PREempt CS20's active hydrogen peroxide breaks down into water and oxygen, leaving no active ingredient residue.

PREempt CS20 is a sterilant and high level disinfectant for reprocessing heat sensitive semi-critical and critical devices for which heat sterilization is not suitable.

Part No.	Description	Size	Packaging
11401	PREempt CS20 Sterilant and high level disinfectant with hydrogen peroxide	1 L	12/case
11405	PREempt CS20 Sterilant and high level disinfectant with hydrogen peroxide	4 L	4/case
AHP7CAN	Test strips for CS20	-	50/bottle; 1 bottle/box



- 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.

## Contec® NeutraKlean

### 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 6.5 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 1 L trigger spray with a "bag in bottle" system to protect the contents during use. A nonsterile version is available in a 5 L 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.

Part No.	Description	Size	Packaging
SBT103NK	Contec Irradiated NeutraKlean Trigger spray	1 L	6/case
FBC503NK	Contec NeutraKlean Capped	5 L	2/case

# Contec® HydroKlean


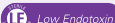

## 6% hydrogen peroxide and Water for Injection

### 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 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. It also eliminates the need for a residue removal stage with alcohol or water.

It's also available in a 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
SBT17HKLE	Contec HydroKlean Trigger Spray, sterile fill, triple bagged	 Low Endotoxin	0.5 L	8/case
SBT34HK6IR	Contec HydroKlean Trigger Spray, sterile fill, triple bagged	 Low Endotoxin	1 L	6/case
SBC170HKLE	Contec HydroKlean Capped, sterile fill, double bagged	 Low Endotoxin	5 L	2/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® 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 and 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.

Part No.	Description		Size	Packaging
SBT167030LE	Contec Irradiated 70% IPA LE Trigger Spray, 70% isopropyl alcohol and 30% WFI	 Low Endotoxin	0.5 L	8/case
SBT347030LE	Contec Irradiated 70% IPA LE Trigger Spray, 70% isopropyl alcohol and 30% WFI	 Low Endotoxin	1 L	6/case



- 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



- 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

## 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 0.47 L and 0.95 L 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<sup>-6</sup> Sterility Assurance Level (SAL) per ANSI/AAMI/ISO 11137 guidelines.

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

Part No.	Description		Size	Packaging
SB167030IR	Contec Sterile 70% IPA With separate trigger sprayer		0.47 L	12/case
SB327030IR	Contec Sterile 70% IPA With separate trigger sprayer		0.95 L	12/case
SB1287030IR	Contec Sterile 70% IPA Capped		3.8 L	4/case
SBT167030	Contec Sterile 70% IPA Trigger spray		0.47 L	12/case
SB327030	Contec 70% IPA Capped		0.95 L	12/case
SB1287030	Contec 70% IPA Capped		3.8 L	4/case
SB128100	Contec 100% IPA Capped		3.8 L	4/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

- PREempt® RTU
- PREempt® Concentrate

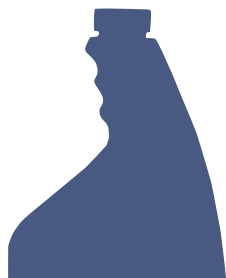


## ROUTINELY

Use based on room environment monitoring.

### Sporicide

- PeridoxRTU®
- Sterile PeridoxRTU



## 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.

CAT035 | 073124

Contec, Inc.  
Spartanburg, SC 29303 USA  
tel: +1-864-503-8333

[cs\\_cleanroom@contecinc.com](mailto:cs_cleanroom@contecinc.com)  
[cleanroom.contecinc.com](https://cleanroom.contecinc.com)

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