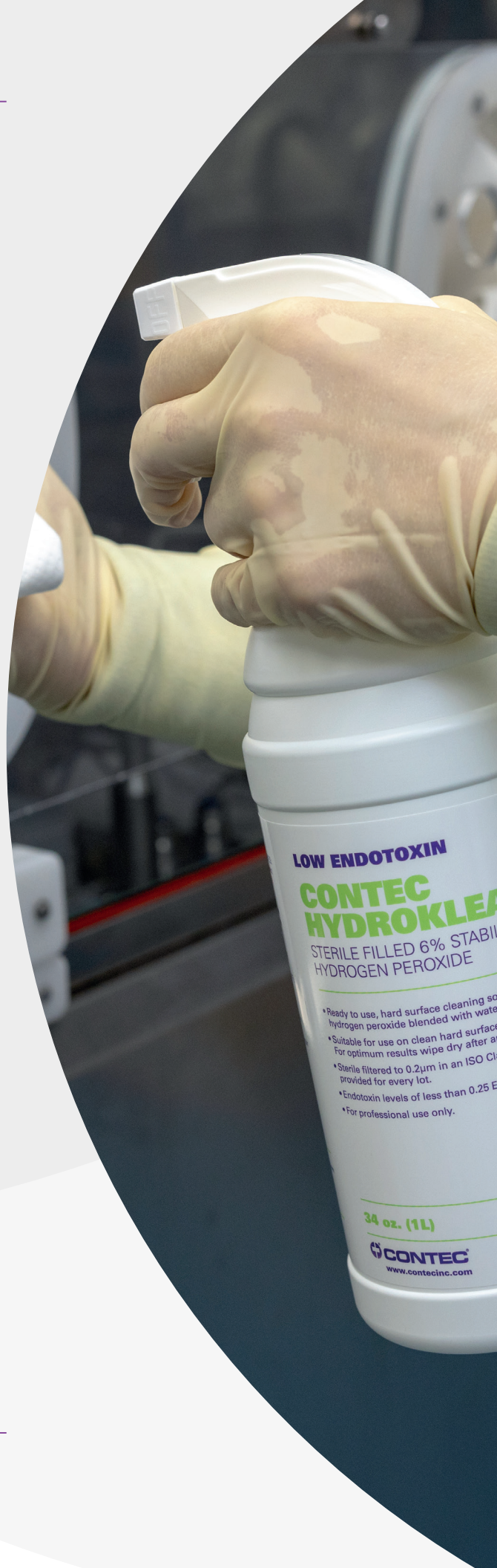




# Disinfectants and Solutions for Critical Environments

*Clean counts most*



**LOW ENDOTOXIN**

**CONTEC  
HYDROKLEA**  
STERILE FILLED 6% STABILIZED  
HYDROGEN PEROXIDE

- Ready to use, hard surface cleaning solution. Hydrogen peroxide blended with water.
- Suitable for use on clean hard surfaces. For optimum results wipe dry after application.
- Sterile filtered to 0.2µm in an ISO Class 7 environment provided for every lot.
- Endotoxin levels of less than 0.25 EU/ml.
- For professional use only.

34 oz. (1L)

**CONTEC**  
www.contecinc.com



# Contec Cleanroom Disinfectants & Solutions

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

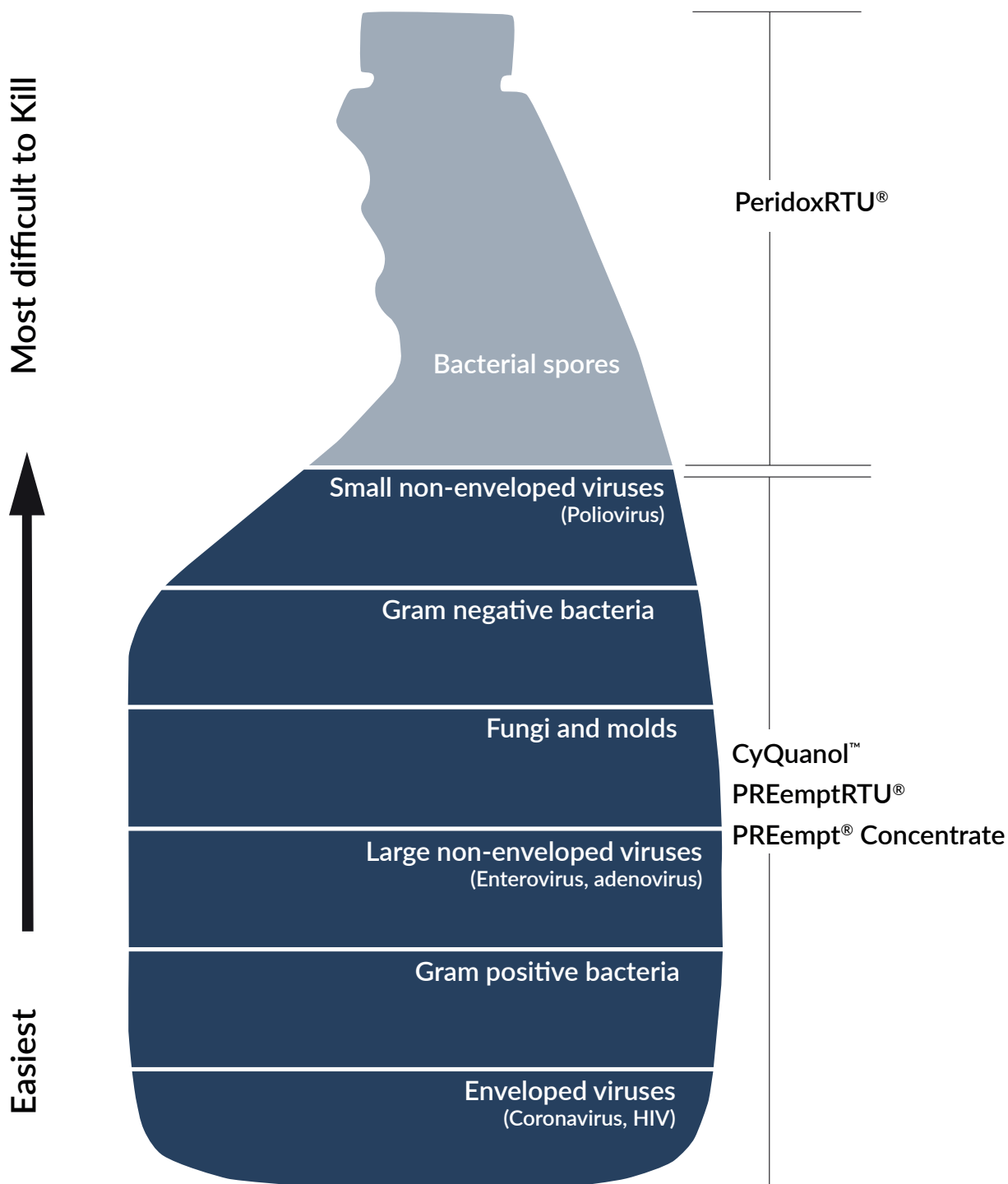
With more than 35 years of experience in contamination control, we understand the importance of maintaining compliance and optimizing best practices when it comes to cleaning and disinfection. Contec offers a wide range of specially formulated chemicals for the cleaning and disinfection of critical and sterile environments. From hydrogen peroxide solutions and IPA, to fast-acting validated sporicidal and broad-spectrum disinfectants, Contec has the cleaning solutions you need.

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.

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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 peroxyacetic 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<sup>-6</sup> SAL.

This unique, fast acting sporicide, disinfectant and cleaner leaves less residue 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		0.95 L	6/case
CR85365	PeridoxRTU Reclosable cap		0.95 L	6/case
CR85366IR	Sterile PeridoxRTU Capped, double bagged		3.8 L	4/case
CR85366	PeridoxRTU Capped		3.8 L	4/case
CRPERTRIGEB	PeridoxRTU Irradiated 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.

# Contec® CyQuanol™

## Blend of quaternary ammonium and ethyl alcohol

### Product information

Contec® CyQuanol™ is a Health Canada registered blend of quaternary ammonium and ethyl alcohol in a 0.9 L and 3.8 L container. It is a ready to use cleaner/disinfectant that generates low residue. Both the liquid disinfectant and presaturated wipes are ready-to-use and generate low residues.

CyQuanol disinfectant and presaturated wipes have a 1-minute bactericidal, virucidal, tuberculocidal and fungicidal contact time. It is bleach-free, making it an excellent choice for operators in critical environments.




A trigger sprayer and a reclosable cap are included for application preference. CyQuanol is ideal for cleaning and disinfecting environmental surfaces in cleanrooms and laboratory areas including work stations, fume hoods, mini-environments, equipment and other hard non-porous environmental surfaces.

CyQuanol presaturated wipes are made with meltblown polypropylene fabric. This disinfectant wipe lays down a consistent amount of disinfectant solution to surfaces from operator to operator.

CyQuanol is available validated sterile for the most critical environments such as isolators, biosafety cabinets and RABS.



- 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 disinfectant and presaturated wipes

Part No.	Description		Size	Packaging
SBT09CQCA	Contec Sterile CyQuanol Double bagged	 Sterile	0.9 L	12/case
SBC38CQCA	Contec Sterile CyQuanol Double bagged	 Sterile	3.8 L	4/case
PSPPCQ02CA	PROSAT Wipes with CyQuanol, sterile Meltblown polypropylene	 Sterile	230 x 280 mm	30/pouch; 48 pouches/case



# 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.

- 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

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



## PREempt® CS20

### Sterilant and high level disinfectant

#### Product information

PREempt® CS20 is a 20 minute chemical sterilant and high level disinfectant. The 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.

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

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

## 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.



- 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 	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
SBT34HK6IR	Contec HydroKlean Trigger Spray, sterile fill, triple bagged		1 L	6/case
SBC170HKLE	Contec HydroKlean Capped, sterile fill, double bagged		5 L	2/case



- This Hydrogen peroxide based 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		0.5 L	8/case
SBT347030LE	Contec Irradiated 70% IPA LE Trigger Spray, 70% isopropyl alcohol and 30% WFI		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



# 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.

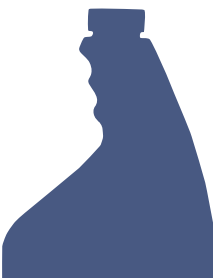
- Filtered through a 0.2 micron in-line filter eliminating the need for in-house filtration
- USP grade isopropyl alcohol evaporates and leaves extremely low residues
- Available sterile for the most critical environments


Part No.	Description		Size	Packaging
SB167030IR	Contec Sterile 70% IPA With separate trigger sprayer		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.

<b>DAILY</b>	Use everyday on all surfaces.	<b>Disinfectants</b> <ul style="list-style-type: none"> <li>• PREempt® RTU</li> <li>• PREempt® Concentrate</li> <li>• Sterile CyQuanol™</li> </ul>	
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<b>ROUTINELY</b>	Use based on room environment monitoring.	<b>Sporicide</b> <ul style="list-style-type: none"> <li>• PeridoxRTU®</li> <li>• Sterile PeridoxRTU</li> </ul>	
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<b>PERIODICALLY</b>	Use to remove built up residue or when needed.	<b>Detergent</b> <ul style="list-style-type: none"> <li>• NeutraKlean</li> <li>• Sterile NeutraKlean</li> </ul>	
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<b>RINSE</b>			
	Use after cleaning and disinfecting.	<b>Rinse</b> <ul style="list-style-type: none"> <li>• IPA</li> <li>• HydroKlean</li> <li>• WFI</li> <li>• Water</li> </ul>	

For more information or to purchase  
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contact our sales team.

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