





Contec, Inc. is a leading manufacturer of contamination control products for mission-critical cleaning in manufacturing environments worldwide. For more than 30 years, Contec has provided solutions to customers across many industries including biomedical, pharmaceutical, medical device, microelectronics, optics, semiconductor, data storage, automotive OEM and aerospace. Meeting customer needs in all these markets and exceeding customer expectations are part of our core values at Contec. This is a big difference between us and our competitors.

**INNOVATION** As a long established leader in custom designed products for specific applications, many Contec wipes and mops were developed through customer requests. We take pride in developing innovative products that not only deliver outstanding performance, but are cost-effective for our customers. We were the first to introduce presaturated wipes to critical environments, allowing customers to greatly reduce their VOC emissions. We were also the first to develop a lightweight wall mopping system for the biotech and life

sciences market. We treat new applications and customer needs as a challenge to our R&D capabilities.

**TECHNICAL SUPPORT** Our success would not be possible without our technical support team. Contec has the largest, most experienced sales team in the critical environment industry and a technical support team with more than 100 years in critical environment solutions. Contec industry experts provide unmatched technical seminars and customer training. With sales representatives all over the world, our customers benefit from personalized service and fast, efficient sample and order turnaround.

**GLOBAL SCOPE AND MULTIPLE MANUFACTURING FACILITIES** We have state-of-the-art manufacturing in Spartanburg, South Carolina that serves as our Regulated Market Technology Center, and in Suzhou, China that serves as our Electronics Technology Center. In addition we have distribution centers in Toledo, OH and Vannes, France. We can provide the same products in all geographies, and our regional R&D centers allow us to develop products for specific applications in each region.



**QUALITY** Contec manufacturing facilities are ISO 9001:2015 registered. As a vertically integrated manufacturer, Contec controls more of the manufacturing process than any of our competitors. We invite you to come visit our manufacturing facilities and find out for yourself the quality built into the products we make.

**BROAD CAPABILITY AND PRODUCT LINE** Our extensive cleanroom product line includes knitted, woven and nonwoven wipes, presaturated wipes, sterile and non-sterile products, mopping systems, wall washing systems, disinfectants, sponges and swabs for cleanrooms and controlled environments. In fact, we have the widest variety of presaturated wipes and mopping systems in the industry. Still not convinced we're the cleanroom industry leader? Contact your sales representative and ask for a product sample. Our Samples Department takes care of both standard and custom product orders. Requests come in from all over the world and most are sent to customers within 48 hours. More than 6,700 samples were processed last year alone. So the obvious question isn't "Why Contec?" but instead, "Why not?"

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# Considerations When Choosing a Disinfectant

*“The choice of disinfectant and the frequency of disinfectant rotation, which includes a sporicidal agent, is based on an Environmental Monitoring Program.”*

To ensure the quality of the products they produce, pharmaceutical, biopharmaceutical and medical device manufacturers must disinfect as well as clean the cleanrooms in which their products are made. The choice of disinfectant<sup>1</sup> and the frequency of disinfectant rotation, which includes a sporicidal<sup>1</sup> agent, is based on an Environmental Monitoring Program at each manufacturing site. It is essential that disinfection selection be based on Environmental Monitoring results.

**Disinfectant** - A chemical or physical agent that destroys or removes vegetative forms of harmful microorganisms when applied to a surface.

**Sporicidal Agent** - An agent that destroys bacterial and fungal spores when used in sufficient concentration for a specified contact time. It is expected to kill all vegetative microorganisms.

Some considerations when choosing an anti-microbial agent include:

**The efficacy of the disinfectant or sporicidal agents** against the microorganisms present in the facility as determined by the Environmental Monitoring Program.

**Contact times** required to kill the microorganisms. The shorter the contact time, the greater the chance for compliance. If a long contact time is required, the surface must be re-wetted, leading to increased chemical costs. Contact times under 5 minutes are ideal, as they do not usually require re-wetting of the surface.

**One step cleaning and disinfecting.** The EPA states: “An antimicrobial agent identified as a “one-step” cleaner-disinfectant, cleaner-sanitizer, or one intended to be effective in the presence of organic soil must be tested for efficacy by the appropriate method(s) which have been modified to include a representative organic soil such as 5% blood serum.”<sup>2</sup> Some commonly used sporicidal agents such as bleach and some hydrogen peroxide/peracetic acid blends are effective only on pre-cleaned surfaces. Pre-cleaning adds both chemical costs and labor costs to the disinfecting process and downtime to the facility.

**Material compatibility.** Stainless steel compatibility is an issue in many life science cleanrooms. Most of the processing equipment is stainless steel. If corrosive products such as bleach are used frequently, pitting can occur. The pits can harbor bacteria and other harmful microorganisms, leading to product contamination and costly replacements.

**Residue.** Both viable and non-viable particles must be controlled in cleanrooms. Antimicrobial agents which leave residues can contribute potential product contamination. Also, harmful residues such as chlorine ions can cause stainless steel corrosion.

**Ready-to-use or concentrate.** Ready-to-use products eliminate hazards associated with handling and pouring highly acidic and caustic solutions eliminate the potential for improper blending and the cost of quality control. This must be balanced with higher chemical costs.

Phenols, quaternary ammoniums, alcohols, and hydrogen peroxide are some of the active ingredients found in disinfectants. Sodium hypochlorite (bleach) and hydrogen peroxide/peracetic acid blends are typically used as sporicidal agents. The chart lists some of the common active ingredients and summarizes their properties.

Consistent environmental monitoring results are the goal of a disinfectant program. Validating the disinfectant or sporicidal agent is the first step for successful bioburden control. Following the label directions, applying the solutions properly and adhering to required contact times are all important factors to ensure compliance.



### Steps for Successful Disinfection

The steps to ensure successful disinfection after a disinfectant or sporicidal agent is validated for use in the facility include:

1. Always follow label directions.
2. Don appropriate personal protection equipment (PPE).
3. Pre-clean the surface if required. The use of proper wiping techniques is critical to ensure successful disinfection.
4. Apply the disinfectant or sporicidal agent by spraying or mopping, making sure the entire surface is covered.
5. Leave the liquid on the surface for the required contact time.
6. Rinse if necessary.

*“Validating the disinfectant or sporicidal agent is the first step for successful contamination control.”*

Consistent environmental monitoring results are the goal of a disinfectant program. Validating the disinfectant or sporicidal agent is the first step for successful bioburden control. Following the label directions, applying the solutions properly and adhering to required contact times are all important factors to ensure compliance.

#### References:

<sup>1</sup>USP <1072> “Disinfectants and Antiseptics,” US Pharmacopeia, Rockville, MD

<sup>2</sup>EPA DIS/TSS-2 Jan 25, 1979, Efficacy Data Requirements, Supplemental Recommendations

### Properties of Common Disinfectant Active Ingredients

PROPERTY	Alcohols	Aldehydes	Chlorine and Chlorine Compounds	Hydrogen Peroxide	Hydrogen Peroxide/ Peracetic Acid	Phenolics	Quaternary Ammonium Compounds
<b>Bactericidal</b>	Good	Good	Good	Good	Good	Good	Good
<b>Fungicidal</b>	Good	Good	Good	Good	Good	Good	Good
<b>Virucidal</b>	Fair against non-enveloped viruses	Good	Good	Good	Good	Good	Fair
<b>Tuberculocidal</b>	Good	Good	Good	Good	Good	Good	No, unless mixed with alcohol
<b>Sporicidal</b>	No	Good	Good	Good	Good	No	No
<b>Fast Acting</b>	No	No	Yes	Yes	Yes	No	No
<b>Residues</b>	No	Yes	Yes	No	No	Yes	Yes

## PeridoxRTU® Sporidical Disinfectant and Cleaner

### 3-Minute Non-bleach Sporidical Disinfectant



PeridoxRTU® is an EPA registered disinfectant and cleaner that was designed to eliminate and prevent the spread of spores and more than 40 other micro-organisms. This broad spectrum disinfectant is fast acting and effective against bacterial spores in 3 minutes, bacteria and viruses in 2 minutes, fungus in 1 minute and TB in 5 minutes. PeridoxRTU has over 40 EPA registered claims and does not contain bleach, alcohol, phenols or quaternary amine compounds. It is also extremely effective in killing fungi such as *Aspergillus niger* on non-porous surfaces in 1 minute. For disinfecting in the most critical of cleanrooms and controlled environments, PeridoxRTU is available validated sterile to 10<sup>-6</sup> SAL.

This unique sporidical disinfectant and cleaner is ideal for use in cleanrooms. It is fast acting and will not damage stainless steel equipment. PeridoxRTU leaves no film on surfaces, making it ideal for use in critical areas\*. The patented, hyperactive chemistry provides fast results. With its shorter contact times and powerful wetting agents,

PeridoxRTU stays wet on the surface longer and works faster. The result: assured efficacy against hard-to-kill spores and other dangerous pathogens every time you clean and disinfect.

PeridoxRTU is an effective alternative to bleach. It provides maximum efficacy without the risk of damage to stainless steel and other sensitive surfaces as well as the handling and mixing of bleach by staff. The ready-to-use formula eliminates the exposure of personnel to bleach and the time and labor necessary to dilute bleach to the required concentration.

*“...effective alternative to bleach...fast acting and effective against bacterial spores in 3 minutes.”*

Features	Benefits
Effective against bacterial spores in 3 minutes	• Ideal for terminal cleaning or daily disinfection
Does not contain bleach	• Not corrosive to stainless steel and other sensitive equipment
Available validated sterile	• Suitable for use in critical environments

Part No.	Description	Size	Packaging
CR85335IR	Sterile PeridoxRTU Sporidical Disinfectant Push/pull cap and foaming trigger** Double bagged	32 oz. (0.9L)	6/case
CR85335	PeridoxRTU Sporidical Disinfectant Push/pull cap	32 oz. (0.9L)	6/case
CR85336IR	Sterile PeridoxRTU Sporidical Disinfectant Capped, double bagged	1 gallon (3.8L)	4/case
CR85336	PeridoxRTU Sporidical Disinfectant Capped	1 gallon (3.8L)	4/case
CRPERTRIG	PeridoxRTU 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 push/pull cap is recommended*

# Peridox® Concentrate Sporicidal Disinfectant and Cleaner

## Concentrated Sporicidal Disinfectant and Cleaner for Large Facilities

Peridox® Concentrate is an EPA-registered disinfectant and cleaner that was designed to eliminate and prevent the spread of spores, as well as more than 40 other pathogens. This broad spectrum disinfectant is fast acting and is effective against bacterial spores in 3 minutes, bacteria and viruses in 2 minutes, fungus in 1 minute and TB in 5 minutes. Peridox Concentrate has more than 40 EPA registered claims and does not contain bleach, alcohol, phenols or quaternary ammonium compounds.

Peridox Concentrate 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.

Peridox® Concentrate provides cleanroom facilities with a cost effective approach which enables the use of a high-level sporicidal disinfectant every day, facility wide. Peridox is the first truly viable alternative to bleach-based products that alleviate issues such as: surface/equipment/clothing damage, strong odor, and confusing dilutions. 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 polymers 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.



Features	Benefits
Effective against bacterial spores in 3 minutes	• Ideal for terminal cleaning or daily disinfection
Does not contain bleach	• Not corrosive to stainless steel and other sensitive equipment
Concentrated formula	• Suitable for larger facilities

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

\*Confirm minimum recommendation of dilution ratio with test strips

*“...provides cleanroom facilities with a cost effective approach, enabling the use of a high level sporicidal disinfectant every day, facility wide.”*

## PREempt™ RTU Disinfectant Solution and Wipes

Ready-to-use one-step cleaner and intermediate disinfectant



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.

AHP is a unique formulation that has the perfect balance between a fast contact time whilst maintaining cleaning efficacy. It also carries no hazard classification.

PREempt RTU has a Broad-Spectrum Non-Food Contact Sanitizing claim in 30 seconds, Bactericidal claim in 1 min, General Virucide claim in 1 minute, and Fungicidal claim in 10 mins.

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 available in three sizes, a capped 32oz bottle which can be fitted with a trigger sprayer or a pour spout or a 1-gallon container and 5 gallon pail. To complement the solutions, convenient presaturated wipes are also available in a pull top canister; containing 160 wipes per canister.

PREempt RTU 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.

*“Contains no Volatile Organic Compounds and leaves minimal residues on surfaces once dry.”*

Features	Benefits
AHP technology	<ul style="list-style-type: none"> <li>• Fast acting disinfectant activity</li> <li>• Can be used as a one-step disinfectant cleaner which saves time</li> </ul>
Lowest EPA toxicity rating	<ul style="list-style-type: none"> <li>• Odor-free for good operator acceptability</li> <li>• Contains no VOCs</li> <li>• Does not require personal protection equipment (PPE)</li> </ul>
Hydrogen peroxide	<ul style="list-style-type: none"> <li>• Breaks down into water and oxygen so low residue</li> <li>• Non-hazardous so allows cost effective disposal</li> </ul>
Compatible with a wide range of materials	<ul style="list-style-type: none"> <li>• Reduces corrosion and wear on surfaces and equipment</li> </ul>

Part No.	Description	Size	Packaging
21101	PREempt RTU Disinfectant	32 oz. (0.9L)	12/case
21105	PREempt RTU Disinfectant Ready to use	1 gallon (3.8L)	4/case
21109	PREempt RTU Disinfectant Ready to use	5 gallon (19L)	1/case
21221	PREempt RTU Disinfectant Wipes Meltblown polypropylene	6 x 7" (15.2 x 17.8cm)	160/canister; 12 canisters/case
ACCTRIGR	Non-aerosol trigger sprayer for 32 oz. bottle		12/case
HDP003	Hand pump for PREempt RTU For 5 gallon containers		1/case

# PREempt™ Concentrate Disinfectant Solution

Concentrate one-step cleaner and intermediate disinfectant

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.

AHP is a unique formulation that has the perfect balance between a fast contact time whilst maintaining cleaning efficacy. It also carries no hazard classification.

PREempt Concentrate requires dilution creating a cost effective solution for cleaning and disinfecting large areas of cleanroom or controlled environment.

PREempt Concentrate once diluted (1:16) 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 and Health Canada Inerts lists and the FDA Generally Regarded as Safe List (GRAS).

PREempt Concentrate is available in two sizes, a convenient capped 1 gallon container which can be fitted with a hand pump or a 55 gallon drum if very large quantities are required. PREempt Concentrate is an ideal cost effective solution for cleaning and disinfecting environmental surfaces in cleanrooms and laboratory areas.



*“...cost effective for large areas... fast contact times with broad spectrum efficacy.”*

Features	Benefits
AHP technology	<ul style="list-style-type: none"> <li>• Fast acting disinfectant activity</li> <li>• Can be used as a one-step disinfectant cleaner which saves time</li> </ul>
Concentrated formula	<ul style="list-style-type: none"> <li>• Cost effective formula for larger facilities</li> </ul>
Lowest EPA toxicity rating	<ul style="list-style-type: none"> <li>• Odor-free for good operator acceptability</li> <li>• Does not require personal protection equipment (PPE) once diluted</li> </ul>
Hydrogen peroxide	<ul style="list-style-type: none"> <li>• Breaks down into water and oxygen so low residue</li> <li>• Non-hazardous so allows cost effective disposal</li> </ul>
Compatible with a wide range of materials	<ul style="list-style-type: none"> <li>• Reduces corrosion and wear on surfaces and equipment</li> </ul>

Part No.	Description	Size	Packaging
21305	PREempt Concentrate	1 gallon (3.8L)	4/case
21311	PREempt Concentrate	55 gallon (200L)	1/case
HDP001	Hand pump for PREempt Concentrate For 1 gallon containers		1/case
HDP002	Hand pump for PREempt Concentrate For 55 gallon containers		1/case



## Contec® Irradiated 70% IPA LE

### Low endotoxin irradiated alcohol in Water for Injection

Contec Low Endotoxin Irradiated Alcohol contains 70% by volume USP Grade Isopropanol (IPA) and 30% Water for Injection (WFI). The alcohol blend is 0.2 micron filtered, filled, and bagged in an ISO Class 7 cleanroom. This clean manufacture coupled with water for injection means the alcohol blend is guaranteed and certified to have an endotoxin level < 0.25 EU/ml, making it suitable for product contact surfaces. 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 sprays 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.



*“The ‘bag in bottle’ system protects contents during use.”*

Features	Benefits
70% Isopropanol and 30% WFI	• No residue for product contact areas
Guaranteed endotoxin level of less than 0.25 EU/ml	• Ideal for use in product contact areas
Trigger installed “bag in bottle” protected system	• Eliminates the risk of the alcohol being contaminated when installing the trigger • Prevents bottle contents from being contaminated during use
Gamma irradiated at no less than 25kGy and lot tested for sterility	• Suitable for use in the most critical environments

Part No.	Description	Size	Packaging
SBT167030LE	Contec Irradiated 70% IPA LE Trigger Spray 70% Isopropanol in water for injection	17 oz. (0.5L)	8/case
SBT347030LE	Contec Irradiated 70% IPA LE Trigger Spray 70% Isopropanol in water for injection	34 oz. (1L)	6/case

# Contec® IPA

## USP Grade Isopropanol

### Nonsterile

Contec Isopropanol contains USP Grade Isopropanol (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 Isopropanol (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 per the Association for the Advancement of Medical Instrumentation (AAMI) 11137 Guidelines to a 10<sup>-6</sup> Sterility Assurance Level (SAL).

Note: Sterility validation is performed after trigger is installed.



Features	Benefits
Contains USP Grade Isopropanol	<ul style="list-style-type: none"> <li>• Evaporates and leaves extremely low residues</li> </ul>
Filtered through 0.2 micron in-line filter	<ul style="list-style-type: none"> <li>• Eliminates the need for in-house filtration</li> <li>• Meets USP Grade Purified Water</li> </ul>
Sterile version is gamma irradiated to a sterility assurance level (SAL) of 10 <sup>-6</sup>	<ul style="list-style-type: none"> <li>• Compliant with USP &lt;797&gt; and USP &lt;800&gt;</li> <li>• Prefiltered, packaged and sterilized for easy introduction into critical environments</li> <li>• Certificate of processing and sterility with each case</li> </ul>

Part No.	Description	Size	Packaging
SB167030IR	Contec Sterile 70% IPA With separate trigger sprayer	16 oz. (0.47L)	12/case
SB327030IR	Contec Sterile 70% IPA With separate trigger sprayer	32 oz. (0.95L)	12/case
SB1287030IR	Contec Sterile 70% IPA Capped	1 gallon (3.8L)	4/case
SBT167030	Contec Sterile 70% IPA Trigger Spray	16 oz (0.47L)	12/case
SB327030	Contec 70% IPA Capped	32 oz (0.95L)	12/case
SB1287030	Contec 70% IPA Capped	1 gallon (3.8L)	4/case
SB1286535	Contec 65% IPA Capped	1 gallon (3.8L)	4/case
SB128100	Contec 100% IPA Capped	1 gallon (3.8L)	4/case



## Contec® HydroKlean Solution

6% hydrogen peroxide in water for injection

Contec HydroKlean is a blend of 6% hydrogen peroxide and water for injection in a 17 oz and 34 oz (1L) “bag in bottle” with installed trigger sprayer and 170 oz (5L) capped container. It is ready to use and generates no Volatile Organic Compounds (VOCs).

Hydrogen peroxide breaks down to water and oxygen in use, so it leaves little to no residue on a surface. 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. The 17 oz (0.5L) and 34 oz (1L) “bag in bottle” system protects contents during use. Certificates of analysis are available for each batch.

6% hydrogen peroxide is not classed as corrosive and can be used safely in all areas of a 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.

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.



*“Not classed as corrosive and can be used safely in all areas of a cleanroom.”*

Features	Benefits
Hydrogen peroxide breaks down to water and oxygen	<ul style="list-style-type: none"> <li>• Very low residue and suitable for product contact areas</li> <li>• Nonflammable and generates no Volatile Organic Compound's (VOCs)</li> </ul>
Guaranteed endotoxin level of less than 0.25 EU/ml	<ul style="list-style-type: none"> <li>• Ideal for use in product contact areas</li> </ul>
Trigger installed “bag in bottle” protected system	<ul style="list-style-type: none"> <li>• Eliminates the risk of the alcohol being contaminated when installing the trigger</li> <li>• Prevents bottle contents from being contaminated during use</li> </ul>
Sterile filled into pre-irradiated containers in an ISO Class 5 cleanroom	<ul style="list-style-type: none"> <li>• Suitable for use in all areas of the cleanroom including ISO 5 cabinets and RABS</li> </ul>

Part No.	Description	Size	Packaging
SBT17HKLE	Contec HydroKlean Solution Trigger Spray Sterile fill, triple bagged	17 oz (0.5L)	8/case
SBT34HK6IR	Contec HydroKlean Solution Trigger Spray Sterile fill, triple bagged	34 oz (1L)	6/case
SBC170HKLE	Contec HydroKlean Solution Capped Sterile fill, double bagged	170 oz (5L)	2/case

## Contec® NeutraKlean Solution

### Neutral detergent in purified water

Contec NeutraKlean is a gentle and non-foaming detergent designed for the cleaning of life science cleanrooms.

With a pH after irradiation between 6.5 and 8.0, Contec NeutraKlean is ideal for carrying out the low-level cleaning required after maintenance, and to remove disinfectant residues and general soil. The use of a surfactant/detergent helps to break the binding of particles and dirt to a surface and allows them to be more easily removed.

The product 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 1L trigger spray with a “bag in bottle” system to protect the contents during use. A non-sterile version is available in a 5L 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.



Features	Benefits
Neutral pH	• Suitable for use in all areas of cleanroom as gentle on surfaces
Low foaming detergent action	• Ideal for use on floors, walls, and benches
Low level of surfactant	• Low residue which can be easily removed
Trigger installed “bag in bottle” protected system	• Prevents bottle contents from being contaminated during use
Irradiated at no less than 25 gKy	• Suitable for use in all areas of the cleanroom including ISO Class 5 cabinets and RABS

*“Ideal for carrying out the low-level cleaning required after maintenance and to remove disinfectant residues and general soil.”*

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

<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></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><li>• Peridox® Concentrate</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></ul>	

Contec disinfectants and solutions can be used with any of our mops, wipes, and bucket systems.

Visit our website [www.contecinc.com](http://www.contecinc.com) for more information and to find your sales representative!





Contec® cleaning and disinfecting products are available throughout the world. Sales representatives are conveniently located across Europe, Asia, and North and South America. Please visit [www.contecinc.com](http://www.contecinc.com) to find a sales representative in your area and to learn more about our products for critical environments.

Presaturated Wipes  
Mopping Systems  
Disinfectants

Spill Control Products  
Knitted Wipes  
Sterile Products

Sponges  
Nonwoven Wipes  
Swabs

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*Contec is an ISO registered company.  
Please visit our web site to view our most  
current certification.*