



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 36 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 36 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 36 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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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 disinfectant¹ and the frequency of disinfectant rotation, which includes a sporicidal¹ 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."² 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:

- ¹USP <1072> “Disinfectants and Antiseptics”, US Pharmacopeia, Rockville, MD
- ²EPA 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
Bactericidal	Good	Good	Good	Good	Good	Good	Good
Fungicidal	Good	Good	Good	Good	Good	Good	Good
Virucidal	Fair against non-enveloped viruses	Good	Good	Good	Good	Good	Fair
Tuberculocidal	Good	Good	Good	Good	Good	Good	No, unless mixed with alcohol
Sporicidal	No	Good	Good	Good	Good	No	No
Fast Acting	No	No	Yes	Yes	Yes	No	No
Residues	No	Yes	Yes	No	No	Yes	Yes



Contec® HydroPure

Stabilised 6% hydrogen peroxide

Product information

Contec® HydroPure is a blend of 6% hydrogen peroxide and water for injection or purified water. Efficacious against bacteria, fungi, moulds, yeasts and spores, Contec HydroPure leaves little to no residue and has a guaranteed endotoxin level of less than 0.25 EU/ml making it ideal for use in product contact areas.

Contec HydroPure is available sterile in a 1L trigger spray (with water for injection) or with purified water in a 5L capped container. A non-sterile version for lower grade rooms is also available. The product is 0.2 µm filtered and filled under Grade A uni-directional flow air and bagged in a Grade B cleanroom.

Provided either double or triple bagged, the product is designed for ease of entry into pharmaceutical cleanrooms. The 1L trigger sprays are fitted with a protective system to protect the contents during use.

Features	Benefits
Hydrogen peroxide breaks down to water and oxygen	<ul style="list-style-type: none"> • Very low residue so suitable for product contact areas
Guaranteed endotoxin level of less than 0.25 EU/ml	<ul style="list-style-type: none"> • Safe to use in product contact areas
Filtered to 0.2 microns under Grade A air - flow in a Grade B cleanroom	<ul style="list-style-type: none"> • Ensures the product is free from contamination and particulates
Sterile version available	<ul style="list-style-type: none"> • Suitable for use in Grade A and B cleanrooms
Trigger spray can be set to jet or spray	<ul style="list-style-type: none"> • Large droplet size reduces the risk of inhalation and provides good surface coverage
Triple / double bagged in linear tear packaging	<ul style="list-style-type: none"> • Each bag is easy to open even when wearing gloves • Facilitates transfer disinfection into isolators and RABS
Not classed as corrosive	<ul style="list-style-type: none"> • Can be used safely in all areas of the cleanroom

Sterile HydroPure Specification

- 1L - 6% hydrogen peroxide in water for injection
- 5L - 6% hydrogen peroxide in purified water
- Less than 0.25 EU/ml
- Sterile filled into pre-irradiated components
- Double/triple bagged in polyethylene linear tear bags
- RTU with a 2 year shelf life

Filtered HydroPure Specification

- 1L and 5L - 6% hydrogen peroxide in purified water
- Less than 0.25 EU/ml
- Filtered to 0.2 microns in a Grade B cleanroom
- Double bagged in polyethylene linear tear bags
- RTU with a 2 year shelf life



Certificates of analysis provide with every batch and full supporting documentation is available on request

Efficacy

Test	Description	Log Reduction	Time	Test	Description	Log Reduction	Time
EN1276	<i>E. hirae</i>	>log 5	15 min	EN13697	<i>E. hirae</i>	>log 5	15 min
EN1276	<i>S. aureus</i>	>log 5	15 min	EN13697	<i>S. aureus</i>	>log 5	15 min
EN1276	<i>P. aeruginosa</i>	>log 5	15 min	EN13697	<i>P. aeruginosa</i>	>log 5	15 min
EN1276	<i>E. coli</i>	>log 5	15 min	EN13697	<i>E. coli</i>	>log 5	15 min
EN1650	<i>C. albicans</i>	>4.83	30 min	EN13697	<i>C. albicans</i>	>5.06	30 min
EN1650	<i>A. brasiliensis</i>	>4.26	30 min	EN13697	<i>A. brasiliensis</i>	>3.62	30 min

Product Application

Ready to use so can be applied directly to the surface ensuring even coverage. Physically remove contaminants from the surface using an appropriate cleanroom wipe and a recommended wiping technique for optimum contamination control. Leave for required contact time and wipe to dry. Contec HydroPure is very low residue, eliminating the need for a residue removal stage with alcohol or water.

Part No.	Description		Size	Packaging
SBT16HPW	Sterile HydroPure, Stabilised 6% hydrogen peroxide in water for injection, trigger spray	 Sterile	1L	6 bottles/case
SBC56HP	Sterile HydroPure Stabilised 6% hydrogen peroxide, capped	 Sterile	5L	2 bottles/case
FBT16HP	HydroPure 6% hydrogen peroxide and purified water, trigger spray		1L	6 bottles/case
FBC56HP	HydroPure 6% hydrogen peroxide and purified water, capped		5L	2 bottles/case



Contec® ProChlor

Stabilised Hypochlorous acid blended with purified water

Product information

Contec® ProChlor is a revolutionary new sporicide achieving a 100% kill against spores in under 1 min. A blend of hypochlorous acid in purified water, Contec ProChlor is provided ready-to-use and is efficacious against bacteria, fungi, moulds, yeasts, viruses and spores.

Contec ProChlor is 0.2 micron filtered, and filled under unidirectional air flow in a Grade B or C cleanroom environment. The sterile product is filled into pre-irradiated components. Provided double bagged, the product is designed for ease of entry into pharmaceutical cleanrooms.

Available as either a 1L trigger sprays for small areas or in 0.5L, 1L and 5L capped containers for when larger volumes are required.

Features	Benefits
Log 6 kill against Bacillus subtilis in 60 secs	<ul style="list-style-type: none"> • Fast acting so saves time spent on biodecontamination • Fast enough to be used for transfer disinfection
Filtered to 0.2 microns in a Grade B/C cleanroom	<ul style="list-style-type: none"> • Ensures the product is free from contamination and particulates
Sterile version available	<ul style="list-style-type: none"> • Suitable for Grade A and B cleanrooms
Contains no quaternary ammonium or surfactant	<ul style="list-style-type: none"> • Very low residue, saving time on residue removal
No hazard classification	<ul style="list-style-type: none"> • Good operator acceptability as no strong odour • Only basic PPE required and no special disposal is required
Trigger spray can be set to jet or spray	<ul style="list-style-type: none"> • Large droplet size reduces the risk of inhalation and provides good surface coverage
Double bagged packed in linear tear packaging	<ul style="list-style-type: none"> • Each bag is easy to open even when wearing gloves • Facilitates transfer disinfection into cleanroom
Not classed as corrosive	<ul style="list-style-type: none"> • Can be used safely in all areas of the cleanroom

Specification

- 2000ppm hypochlorous acid in purified water
- Ready-to-use with 2 year shelf life
- 0.2 micron filtered under Grade A air in a Grade B/C cleanroom
- Double bagged in polyethylene linear tear bags
- Trigger spray with jet or spray option
- Relevant certificates of analysis and sterility provided with every batch.
- Full supporting documentation information is available on request.





Efficacy

Test	Description	Log Reduction	Time	Test	Description	Log Reduction	Time
EN1276	<i>E. hirae</i>	> log 7	1 min	EN13704	<i>C. difficile</i>	> log 6	1 min
EN1276	<i>S. aureus</i>	> log 7	1 min	EN13704	<i>B. subtilis</i>	> log 6	1 min
EN1276	<i>P. aeruginosa</i>	> log 7	1 min	EN13704	<i>B. pumilis</i>	>3.88	1 min
EN1276	<i>E. coli</i>	> log 7	1 min	EN13704	<i>B. cereus</i>	>3.24	1 min
EN14476	Poliovirus	4.33	30 secs	EN13704	<i>P. glucanolyticus*</i>	>3.12	1 min
EN14476	Adenovirus	4.67	30 secs	EN13697	<i>B. subtilis</i>	> log 6	1 min
EN1640	<i>A. niger</i>	> log 4	1 min	EN16615	<i>A. brasiliensis</i>	6.13 test area1	1 min
EN1650	<i>C. albicans</i>	> log 4	1 min	EN16615	<i>A. subtilis</i>	7.11 test area1	1 min

Product Application

Ready-to-use so can be applied directly to the surface ensuring even coverage. Use an appropriate cleanroom wipe or mop and a recommended wiping technique for optimum contamination control. Leave for required contact time and wipe to dry. Contec ProChlor is low residue but where residues are an issue they are easily removed with either water or alcohol.

Part No.	Description		Size	Packaging
SBT102PC	Sterile ProChlor Stabilised Hypochlorous acid with purified water, trigger spray		1L	6 bottles/case
SBC502PC	Sterile ProChlor Stabilised Hypochlorous acid with purified water, capped		5L	2 bottles/case
FBT102PC	ProChlor Stabilised Hypochlorous acid with purified water, trigger spray		1L	6 bottles/case
FBC502PC	ProChlor Stabilised Hypochlorous acid with purified water, capped		5L	2 bottles/case



Contec® ProChlor SATWipes System

Stabilised Hypochlorous acid blended with purified water and Meltblown Polypropylene Wipes

Product information

Contec® ProChlor is a revolutionary new sporicide achieving a 100% kill against spores in under 1 min. It is validated for sporicidal transfer disinfection in practice-mimicking conditions, achieving a log 5 kill on syringe paper samples and complete kill on plastic syringe samples, in 1 min.

A blend of hypochlorous acid in purified water, Contec ProChlor is efficacious against bacteria, fungi, moulds, yeasts, viruses and spores.

Contec ProChlor is provided as a point-of-use SATWIPE system. Each double bag pack contains a canister of 120 x 34gsm nonsterile meltblown polypropylene wipes and 700ml of either sterile or filtered Contec ProChlor, in a 1L bottle.

Simply add 700ml of ProChlor to the dry roll, 5 mins before use, and use the presaturated wipes within 8 hours.

Contec ProChlor is 0.2 micron filtered and filled in a Grade A environment. The sterile product is filtered into pre-irradiated components. The dry wipe canister is irradiated at no less than 25 kGy. The product has an 2 years shelf life.

Relevant certificates of analysis are provided with every batch. Full supporting documentation is available on request.

Features	Benefits
Impregnated wipes at point of use	<ul style="list-style-type: none"> Meets requirements of Aseptic Transfer Guidelines
Log 5 kill against Bacillus subtilis in 60 seconds	<ul style="list-style-type: none"> Fast acting so suitable for transfer disinfection
120 polypropylene wipes in a canister	<ul style="list-style-type: none"> Reduces amount of packaging generated Fast and easy to use High quality wipe for transfer disinfection
Filtered to 0.2 microns in a Grade B cleanroom	<ul style="list-style-type: none"> Ensures the product is free from contamination and particulates
Sterile version available	<ul style="list-style-type: none"> Suitable for Grade A and B cleanrooms
Contains no quaternary ammonium or surfactant	<ul style="list-style-type: none"> Very low residue, saving time on residue removal
No hazard classification	<ul style="list-style-type: none"> Good operator acceptability
Double bagged in linear tear packaging	<ul style="list-style-type: none"> Each bag is easy to open even when wearing gloves

Part No.	Description	Size	Packaging
SSWPP02PC	Sterile Meltblown Polypropylene SATWIPES System For use with Contec Sterile ProChlor	150 x 200mm	120 wipes/canister; 10 canisters/case
FSWPP02PC	Meltblown Polypropylene SATWIPES System For use with Contec ProChlor	150 x 200mm	120 wipes/canister; 10 canisters/case



Contec® HydroPure SATWipes System

6% hydrogen peroxide blended with purified water and Amplitude Theta polyester/cellulose wipes

Product information

Contec® HydroPure is a blend of 6% hydrogen peroxide and purified water. Efficacious against bacteria, fungi, moulds, yeasts and spores. Contec HydroPure has been tested against the EN 16615 test for presaturated wipes achieving a greater than log 3 kill against fungal and bacillus spores in 2 mins. Contec HydroPure leaves little-to-no residue making it ideal for use in critical areas.

Contec HydroPure is provided as a point-of-use SATWIPES system. Each double bagged pack contains a canister of 100 x 54gsm Amplitude Theta polyester/cellulose dry wipes and a 500ml capped bottle of Contec HydroPure.

Simply add 500ml of HydroPure to the dry roll, 5 mins before use, and use the impregnated wipes within 7 days.

Contec HydroPure is 0.2 micron filtered, and filled in a Grade A environment. The sterile product is filtered into pre-irradiated components. The dry wipe canister is irradiated at no less than 25 kGy. The product has a 2 years shelf life.

Relevant certificates of analysis are provided with every batch. Full supporting documentation is available on request.



Features	Benefits
Impregnated wipes at point of use	<ul style="list-style-type: none"> Convenient and controlled application of disinfectant
Hydrogen peroxide breaks down to water and oxygen	<ul style="list-style-type: none"> Fast and easy to use
Sporicidal Activity	<ul style="list-style-type: none"> Very low residue so suitable for product contact areas Saves times since no residue removal is required High quality wipe for transfer disinfection
100 polyester / cellulose wipes in a canister	<ul style="list-style-type: none"> Ideal for a Grade A / B area Convenient to use and allows controlled application
Sterile version available	<ul style="list-style-type: none"> Suitable for Grade A and B cleanrooms
Filtered to 0.2 microns in a Grade B cleanroom	<ul style="list-style-type: none"> Ensures the product is free from contamination and particulates
Not classified as corrosive	<ul style="list-style-type: none"> Good operator acceptability as low odour and hazard
Double bagged in linear tear packaging	<ul style="list-style-type: none"> Each bag is easy to open even when wearing gloves

Part No.	Description		Size	Packaging
SSWC16HP	Sterile Amplitude Theta SATWIPES System For use with Contec Sterile HydroPure	 Sterile	150 x 230mm	100 wipes/canister; 10 canisters/case

PeridoxRTU® Sporocidal Disinfectant and Cleaner

3-Minute Non-bleach Sporocidal Disinfectant



Product information

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 10⁻⁶ SAL.

This unique sporocidal 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. The product has a 2 years shelf life.

Features	Benefits
Effective against bacterial spores in 3 minutes	<ul style="list-style-type: none"> • Ideal for terminal cleaning or daily disinfection
Does not contain bleach	<ul style="list-style-type: none"> • Not corrosive to stainless steel and other sensitive equipment
Available validated sterile	<ul style="list-style-type: none"> • Suitable for use in critical environments

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

Contec® Sterile 70% Isopropanol

70% USP grade IPA and 30% WFI

Product information

Contec® Sterile 70% Isopropanol contains 70% USP grade IPA and 30% WFI. Filtered to 0.2µ and induction sealed to assure sterility, the bottles are double easy tear bagged and gamma-irradiated. Each bottle has a lot code and expiration date for easy record keeping. Validated per the Association for the Advancement of Medical Instrumentation ISO 11137-2:2013 Guidelines to a 10⁻⁶ Sterility assurance Level (SAL).

A convenient trigger sprayer with settings for stream or mist spraying is included. The stream setting is ideal for targeting specific hard to reach areas, while the mist setting is used to cover larger areas. Each leak-proof bottle is induction sealed, capped and shipped with an uninstalled trigger sprayer to eliminate the occurrence of leakage. Instructions for sterile installation of the trigger sprayer are available. The shelf life is 5 years.






Applications:

- Wipe down of isolators, cabinets, laminar flow hoods and surfaces
- Use on gloved hands in sterile suites
- Wipe down of products and equipment for pass through to controlled environments
- Ideally suited for use with sterile cleanroom wipes

Appearance	Clear, colorless liquid
Odor	Characteristic alcohol
IPA Contents(+/-3%)	67.9%-72.1%
Specific Gravity(20°C)	0.863-0.878

Features	Benefits
Contains 70% USP grade IPA and 30% WFI	<ul style="list-style-type: none"> • Evaporates and leaves extremely low residues • Eliminates mixing, filtration, processing and QC expense of In-house production of sterile Isopropanol water blends • Meets the cleaning requirement of A/B grade cleanroom according to GMP.
Filtered through 0.2 micron in-line filter in grade 10 laminar hood	<ul style="list-style-type: none"> • Eliminates the need for in-house filtration • Filtered through 0.2 micron in-line filter, more clean
Gamma-irradiated to a sterility assurance level (SAL) of 10 ⁻⁶	<ul style="list-style-type: none"> • Prefiltered, packaged and sterilized for easy introduction into critical environments • Certificated of processing and sterility are available
Induction sealed bottles	<ul style="list-style-type: none"> • Reduces opportunity for leakage during sterilization and shipment
Adjustable trigger spray	<ul style="list-style-type: none"> • Select spray or jet option
Plastic bottle	<ul style="list-style-type: none"> • Recycle, environmentally friendly, no costly disposal
Double easy tear bagged	<ul style="list-style-type: none"> • To preserve product integrity, even gloves are easy to tear
Lot numbered bottles	<ul style="list-style-type: none"> • Assures complete product traceability

Part No.	Description	Size	Packaging
SB167030IRC	Sterile 70%Isopropanol, w/trigger sprayer 	16 oz. (0.47L)	12 bottles/case
SB327030IRC	Sterile 70%Isopropanol, w/trigger sprayer 	32 oz. (0.95L)	12 bottles/case
SB1697030IRC	Sterile 70%Isopropanol, bottle 	169oz. (5L)	4 bottles/case



Contec® 70% Isopropanol

70% USP grade IPA and 30% Purified Water

Product information

Contec® 70% Isopropanol contains 70% USP grade IPA and 30% Purified Water. Filtered to 0.2 μ and induction sealed to assure product quality, the bottles are double easy tear bagged. 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 areas. Each leak-proof bottle is induction sealed, capped and shipped with an uninstalled trigger to eliminate the occurrence of leakage. The shelf life is 5 years.

Applications:

- Surface cleaning
- Wipe down of products and equipment for pass through to controlled environments
- Use on gloved hands during gowning

Appearance	Clear, colorless liquid
Odor	Characteristic alcohol
IPA Contents(+/-3%)	67.9%-72.1%
Specific Gravity(20°C)	0.863-0.878

Features	Benefits
Contains 70% USP grade IPA and 30% Purified Water	<ul style="list-style-type: none"> • Evaporates and leaves extremely low residues • Eliminates mixing, filtration, processing and QC expense of In-house production of sterile Isopropanol water blends
Filtered through 0.2 micron in-line filter	<ul style="list-style-type: none"> • Eliminates the need for in-house filtration • Filtered through 0.2 micron in-line filter, more clean
Induction sealed bottles	<ul style="list-style-type: none"> • Reduces opportunity for leakage during shipment
Adjustable trigger spray	<ul style="list-style-type: none"> • Select spray or jet option
Plastic bottle	<ul style="list-style-type: none"> • Recycle, environmentally friendly, no costly disposal
Double easy tear bagged	<ul style="list-style-type: none"> • To preserve product integrity, even gloves are easy to tear
Lot numbered bottles	<ul style="list-style-type: none"> • Assures complete product traceability

Part No.	Description	Size	Packaging
SB167030C	70%Isopropanol, w/trigger sprayer	16 oz. (0.47L)	12 bottles/case
SB327030C	70%Isopropanol, w/trigger sprayer	32 oz. (0.95L)	12 bottles/case
SB1697030C	70%Isopropanol, bottle	169oz. (5L)	4 bottles/case

Contec® Sterile 70% Isopropanol Airless

70% USP grade IPA and 30% WFI



Product information

Contec® Sterile 70% Isopropanol Airless contains 70% USP grade IPA and 30% WFI. Filtered to 0.2 μ, the bottles are double easy tear bagged and gamma-irradiated. Each bottle has a lot code and expiration date for easy record keeping. Validated per ISO 11137-2:2013 Guidelines to a 10⁻⁶ Sterility Assurance Level (SAL).


A convenient trigger sprayer with settings for stream or mist spraying is included. The stream setting is ideal for targeting specific hard to reach areas, while the mist setting is used to cover larger areas. Trigger sprayer uses a protected system to eliminate the potential for airborne contamination. The shelf life is 2 years.

Applications:

- Wipe down of isolators, cabinets, laminar flow hoods and surfaces
- Use on gloved hands in sterile suites
- Wipe down of products and equipment for pass through to controlled environments
- Ideally suited for use with sterile cleanroom wipes

Appearance	Clear, colorless liquid
Odor	Characteristic alcohol
IPA Contents(+/-3%)	67.9%-72.1%
Specific Gravity(20°C)	0.863-0.878

Features	Benefits
Contains 70% USP grade IPA and 30% WFI	<ul style="list-style-type: none"> • Evaporates and leaves extremely low residues • Eliminates mixing, filtration, processing and QC expense of In-house production of sterile Isopropanol water blends • Meets the cleaning requirement of A/B grade cleanroom according to GMP.
Filtered through 0.2 micron in-line filter in grade 10 laminar hood	<ul style="list-style-type: none"> • Eliminates the need for in-house filtration • Filtered through 0.2 micron in-line filter, more clean
Gamma-irradiated to a sterility assurance level (SAL) of 10 ⁻⁶	<ul style="list-style-type: none"> • Prefiltered, packaged and sterilized for easy introduction into critical environments • Certificated of processing and sterility are available
Trigger sprays fitted with a protected system	<ul style="list-style-type: none"> • Ensures sterility throughout use
Adjustable trigger spray	<ul style="list-style-type: none"> • Select spray or jet option
Plastic bottle	<ul style="list-style-type: none"> • Environmentally friendly, no costly disposal
Double easy tear bagged	<ul style="list-style-type: none"> • To preserve product integrity, even gloves are easy to tear
Lot numbered bottles	<ul style="list-style-type: none"> • Assures complete product traceability

Part No.	Description	Size	Packaging
SBT327030IRC	Sterile 70%Isopropanol Airless, bottle 	32 oz. (0.95L)	12 bottles/case

Contec® CyChlor

Blend of hypochlorous acid in purified water

Product information

Contec® CyChlor is a new broad spectrum disinfectant designed for every day use.

A blend of hypochlorous acid in purified water, Contec CyChlor is provided ready-to-use and is efficacious against bacteria and yeasts in 3 mins. Contec CyChlor is low residue, low odour and carries no hazard classification.

Contec CyChlor is 0.2 micron filtered, and filled in a Grade A environment in a Grade B cleanroom. The sterile product is filled into pre-irradiated components. Provided double bagged, the product is designed for ease of entry into pharmaceutical cleanrooms.

Supplied as either trigger sprays for small areas or 5L capped containers for when larger volumes are required.

Contec CyChlor is a fast acting broad spectrum disinfectant which is ideal for daily use in conjunction with the routine or action-point use of a sporicide.



Applications:

Contec CyChlor is supplied ready-to-use so can be applied directly to the surface ensuring even coverage. Use an appropriate cleanroom wipe or mop and a recommended wiping technique for optimum contamination control. Leave for required contact time and wipe to dry.

Features	Benefits
Broad spectrum efficacy in 3 mins	<ul style="list-style-type: none"> Fast acting so saves time spent on biodecontamination.
Filtered to 0.2 microns and filled in a Grade A environment	<ul style="list-style-type: none"> Ensures the product is free from contamination and particulates.
Sterile version available	<ul style="list-style-type: none"> Suitable for Grade A and B cleanrooms.
Contains no quaternary ammonium or surfactant	<ul style="list-style-type: none"> Very low residue, saving time on residue removal.
No hazard classification	<ul style="list-style-type: none"> Good operator acceptability as no strong odour. Only basic PPE required and no special disposal is required.
Trigger spray can be set to jet or spray	<ul style="list-style-type: none"> Large droplet size reduces the risk of inhalation and provides good surface coverage.
Double bagged packed in linear tear packaging	<ul style="list-style-type: none"> Each bag is easy to open even when wearing gloves. Facilitates transfer disinfection into cleanroom.
Not classed as corrosive	<ul style="list-style-type: none"> Can be used safely in all areas of the cleanroom.




CyChlor Specification

- 600ppm hypochlorous acid in purified water
- Ready-to-use with 2 year shelf life
- 0.2 micron filtered
- Double bagged in polyethylene linear tear bags
- Trigger spray with jet or spray option
- Relevant certificates of analysis and sterility provided with every batch.
- Full supporting documentation information is available on request.



Efficacy

Test	Description	Log Reduction	Time	Test	Description	Log Reduction	Time
EN1276	<i>E. hirae</i>	5.26	3 min	EN13697	<i>E. hirae</i>	5.43	3 min
EN1276	<i>S. aureus</i>	>5.34	3 min	EN13697	<i>S. aureus</i>	>4.00	3 min
EN1276	<i>P. aeruginosa</i>	>5.24	3 min	EN13697	<i>P. aeruginosa</i>	>5.65	3 min
EN1276	<i>E. coli</i>	>5.30	3 min	EN13697	<i>E. coli</i>	>5.16	3 min
EN1650	<i>C. albicans</i>	>4.12	3 min	EN13697	<i>C. albicans</i>	>4.36	3 min

Part No.	Description		Size	Packaging
SBT100CC	Sterile CyChlor Stabilised Hypochlorous acid with purified water, trigger spray	 Sterile	1L	6 bottles/case
SBC100CC	Sterile CyChlor Stabilised Hypochlorous acid with purified water, capped	 Sterile	1L	6 bottles/case
SBC500CC	Sterile CyChlor Stabilised Hypochlorous acid with purified water, capped	 Sterile	5L	2 bottles/case
FBT100CC	CyChlor Stabilised Hypochlorous acid with purified water, trigger spray		1L	6 bottles/case
SBT100CC	CyChlor Stabilised Hypochlorous acid with purified water, trigger spray		1L	6 bottles/case
SBC100CC	CyChlor Stabilised Hypochlorous acid with purified water, capped		5L	2 bottles/case



Contec® Sterile 70% Ethanol Airless

70% CHP grade Ethanol and 30% WFI

Product information

Contec® Sterile 70% Ethanol Airless contains 70% CHP grade Ethanol and 30% WFI. Filtered to 0.2µ, the bottles are double easy tear bagged and gamma-irradiated. Each bottle has a lot code and expiration date for easy record keeping. Validated per ISO 11137-2:2013 Guidelines to a 10⁻⁶ Sterility Assurance Level (SAL).

A convenient trigger sprayer with settings for stream or mist spraying is included. The stream setting is ideal for targeting specific hard to reach areas, while the mist setting is used to cover larger areas. Trigger sprayer uses a protected system to eliminate the potential for airborne contamination. The shelf life is 2 years.

Applications:

- Wipe down of isolators, cabinets, laminar flow hoods and surfaces
- Use on gloved hands in sterile suites
- Wipe down of products and equipment for pass through to controlled environments
- Ideally suited for use with sterile cleanroom wipes

Appearance	Clear, colorless liquid
Odor	Characteristic alcohol
Ethanol Contents(+/-2%)	68%-72%
Specific Gravity(20°C)	0.877-0.886

Features	Benefits
Contains 70% CHP grade Ethanol and 30% WFI	<ul style="list-style-type: none"> • Evaporates and leaves extremely low residues • Meets the cleaning requirement of A/B grade cleanroom according to GMP
Filtered through 0.2 micron in-line filter in grade 10 laminar hood	<ul style="list-style-type: none"> • Eliminates mixing, filtration, processing and QC expense of In-house production of sterile Isopropanol water blends • Ensures the product is free from contamination and particulates
Gamma-irradiated to a sterility assurance level (SAL) of 10 ⁻⁶	<ul style="list-style-type: none"> • Prefiltered, packaged and sterilized for easy introduction into critical environments • Certificated of processing and sterility are available
Trigger sprays fitted with a protected system	<ul style="list-style-type: none"> • Ensures sterility throughout use
Adjustable trigger spray	<ul style="list-style-type: none"> • Select spray or jet option
Plastic bottle	<ul style="list-style-type: none"> • Environmentally friendly, no costly disposal
Double easy tear bagged	<ul style="list-style-type: none"> • To preserve product integrity, even gloves are easy to tear
Lot numbered bottles	<ul style="list-style-type: none"> • Assures complete product traceability

Part No.	Description	Size	Packaging
SBT3270EW	Sterile 70% Ethanol Airless, bottle	32 oz. (0.95L)	12 bottles/case



Contec® Sterile 70% Ethanol

70% CHP grade Ethanol and 30% WFI

Product information

Contec® Sterile 70% Ethanol Airless contains 70% CHP grade Ethanol and 30% WFI. Filtered to 0.2µ and induction sealed to assure sterility, the bottles are double, easy tear bagged and gamma-irradiated. Each bottle has a lot code and expiration date for easy record keeping. Validated per the Association for the Advancement of Medical Instrumentation ISO 11137-2:2013 Guidelines to a 10⁻⁶ Sterility Assurance Level (SAL).

A convenient trigger sprayer with settings for stream or mist spraying is included. The stream setting is ideal for targeting specific hard to reach areas, while the mist setting is used to cover larger areas. Each leak-proof bottle is induction sealed, capped and shipped with an uninstalled trigger sprayer to eliminate the occurrence of leakage. Instructions for sterile installation of the trigger sprayer are available. The shelf life is 5 years.






Applications:

- Wipe down of isolators, cabinets, laminar flow hoods and surfaces
- Use on gloved hands in sterile suites
- Wipe down of products and equipment for pass through to controlled environments
- Ideally suited for use with sterile cleanroom wipes

Appearance	Clear, colorless liquid
Odor	Characteristic alcohol
Ethanol Contents(+/-2%)	68%-72%
Specific Gravity(20°C)	0.877-0.886

Features	Benefits
Contains 70% CHP grade Ethanol and 30% WFI	<ul style="list-style-type: none"> • Evaporates and leaves extremely low residues • Meets the cleaning requirement of A/B grade cleanroom according to GMP
Filtered through 0.2 micron in-line filter in grade 10 laminar hood	<ul style="list-style-type: none"> • Eliminates mixing, filtration, processing and QC expense of In-house production of sterile Isopropanol water blends • Ensures the product is free from contamination and particulates
Gamma-irradiated to a sterility assurance level (SAL) of 10 ⁻⁶	<ul style="list-style-type: none"> • Prefiltered, packaged and sterilized for easy introduction into critical environments • Certificated of processing and sterility are available
Trigger sprays fitted with a protected system	<ul style="list-style-type: none"> • Ensures sterility throughout use
Adjustable trigger spray	<ul style="list-style-type: none"> • Select spray or jet option
Plastic bottle	<ul style="list-style-type: none"> • Environmentally friendly, no costly disposal
Double easy tear bagged	<ul style="list-style-type: none"> • To preserve product integrity, even gloves are easy to tear
Lot numbered bottles	<ul style="list-style-type: none"> • Assures complete product traceability

Part No.	Description	Size	Packaging
SB1670EW	Sterile 70% Ethanol, bottle 	16 oz. (0.47L)	12 bottles/case
SB3270EW	Sterile 70% Ethanol, bottle 	32 oz. (0.95L)	12 bottles/case
SB16970EW	Sterile 70% Ethanol, bottle 	169 oz. (5L)	4 bottles/case



Contec NeutraKlean

Neutral detergent with purified water

Product information

Contec NeutraKlean is a gentle and nonfoaming, neutral 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 the low level cleaning required after maintenance and to remove disinfectant residues and general soil.

The product is 0.2µm filtered and filled under Grade A air and bagged in a Grade C cleanroom. The sterile version is gamma irradiated at no less than 25kGy.

Provided double bagged, the product is designed for ease of entry into pharmaceutical cleanrooms.

Supplied as either trigger sprays for small areas or 1L and 5L capped containers for when larger volumes are required. The 1L trigger sprays are fitted with a protective system to protect the contents during use.


Cleaning

The objective of cleaning is to reduce the amount of non-viable contamination, such as dust, dirt, light oils in a cleanroom to a visibly clean state. The use of a surface acting agent (surfactant/detergent) helps to break the binding of particles and dirt to a surface and allows them to be more easily removed. High levels of soil or residues on a surface will have a detrimental effect on any disinfectant used.

Product Application

Ready to use so can be applied directly to the surface ensuring even coverage. Apply to the surface to physically remove contaminants using an appropriate cleanroom wipe or mop and a recommended wiping technique for optimum contamination control.

Features	Benefits
Neutral pH after irradiation	<ul style="list-style-type: none"> Suitable for use in all areas of cleanroom as gentle on surfaces.
Filtered to 0.2 microns under Grade A airflow in a Grade C cleanroom	<ul style="list-style-type: none"> Ensures the product is free from contamination and particulates.
Low foaming detergent action	<ul style="list-style-type: none"> Ideal for use on floors, walls and benches.
Sterile version - gamma irradiated	<ul style="list-style-type: none"> Can be used in product contact areas.
Low level of surfactant	<ul style="list-style-type: none"> Low residue which can be easily removed.
Trigger spray and "bag in bottle" protected system	<ul style="list-style-type: none"> Prevents bottle contents from becoming contaminated during use. Bottles can be completely emptied eliminating wastage so no need to discard unused product during shelf life.

Part No.	Description		Size	Packaging
SBT103NK	Sterile NeutraKlean Neutral detergent with purified water, trigger spray	 Sterile	1L	6 bottles/case
SBC103NK	Sterile NeutraKlean Neutral detergent with purified water, capped	 Sterile	1L	6 bottles/case
SBC503NK	Sterile NeutraKlean Neutral detergent with purified water, capped	 Sterile	5L	2 bottles/case
FBT103NK	NeutraKlean Neutral detergent with purified water, trigger spray		1L	6 bottles/case
FBC103NK	NeutraKlean Neutral detergent with purified water, capped		1L	6 bottles/case
FBC503NK	NeutraKlean Neutral detergent with purified water, capped		5L	2 bottles/case

Contec® NeutraKlean Concentrate

Neutral detergent with purified water

Product information

Provided as a unit dose concentrate, Contec® NeutraKlean Concentrate is designed to be diluted in 5L water of suitable quality, making it a cost effective product for larger areas of the cleanroom.

With a pH after dilution between 6.5 and 7.5, Contec NeutraKlean is ideal for the low level cleaning required after maintenance and to remove disinfectant residues and general soil.

The product is 0.2 µm filtered and filled under Grade A air and bagged in a Grade C cleanroom and then gamma irradiated at no less than 25kGy.

4 bottles are double bagged together, to provide easy entry into pharmaceutical cleanrooms.



Product Application


Unit dose concentrate which needs to be diluted in 5L of water of suitable quality before use. Ensure thorough mixing before use. Apply to the surface to physically remove contaminants using an appropriate cleanroom mop and a recommended mopping technique for optimum contamination control.


Features	Benefits
Neutral pH after dilution	<ul style="list-style-type: none"> Suitable for use in all areas of cleanroom as gentle on surfaces.
Unit dose concentrate	<ul style="list-style-type: none"> Eliminates any dilution errors. Easy to use. Ideal for use in large areas of cleanroom.
Filtered to 0.2 microns under Grade A airflow in a Grade C cleanroom	<ul style="list-style-type: none"> Ensures the product is free from contamination and particulates.
Sterile version - gamma irradiated	<ul style="list-style-type: none"> Can be used in product contact areas.
Low level of surfactant	<ul style="list-style-type: none"> Low residue which can be easily removed.
Low foaming detergent action	<ul style="list-style-type: none"> Ideal for use on floors, walls and benches.
Double bagged packed in linear tear packaging	<ul style="list-style-type: none"> Each bag is easy to open even when wearing gloves. Facilitates transfer into cleanroom.


Part No.	Description	Size	Packaging
SBC015NK	Sterile NeutraKlean Concentrate Neutral detergent with purified water, capped 	150 ml	4 bottles/bag 10 bags/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 <ul style="list-style-type: none">• Sterile IPA/Non-Sterile IPA• Ethanol• CyChlor	
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ROUTINELY	Use based on room environment monitoring.	Sporicide <ul style="list-style-type: none">• PeridoxRTU[®]• ProChlor• HydroPure• ProChlor/HydroPure SATWIPES	
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PERIODICALLY	Use to remove built up residue or when needed.	Detergent <ul style="list-style-type: none">• NeutraKlean• NeutraKlean Concentrate	
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RINSE			
	Use after cleaning and disinfecting.	Rinse <ul style="list-style-type: none">• IPA• Ethanol• HydroPure• WFI	

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

NORTH AMERICA

Contec, Inc.

Spartanburg, SC 29303 USA
+1-864-503-8333

EUROPE

Contec

ZI du Prat - RP 3707
56037 VANNES Cedex
FRANCE
+33(0) 2 97 43 76 98

ASIA

**Contec Cleanroom
Technology (Suzhou) Co. Ltd.**

17 Longyun Road
Suzhou Industrial park
Suzhou 215024
China
+86-512-6274 4050

asia@contecinc.com
cleanroom.contecinc.com

