Disinfectants and Solutions for Critical Environments

Mission-critical cleaning and contamination control

www.contecinc.com/eu

Contec® 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, healthcare and other critical life science applications.

Experienced

With over 30 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 personalised service and fast, efficient sample and order turnaround.

Global

Contec has established a cleanroom manufacturing facility and distribution centre in Europe which allows us to locally support our European customers. Contec owns and operates further manufacturing facilities in South Carolina, USA and Suzhou, China. Contec has a team of global technical specialists and sales representatives operating across all continents. These facilities and dedicated team members give Contec the ability to provide product and technical support to multi-national customers with global needs.

Committed to quality

We recognise our customers as the centre of our organisational 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.

CONTEC®

Contec Alcohols and Disinfectants

Dedicated line of alcohols and disinfectants for cleanrooms and controlled environments.

For over 30 years, Contec has developed the most complete range of contamination control products for the life science industry. Responding to customer needs is the cornerstone of Contec's development programme and the disinfectant and solutions range is no exception.

Our extensive product line for cleanrooms and critical environments includes both sterile and non-sterile alcohols; either IPA or denatured ethanol. The sterile alcohols have a guaranteed low level of endotoxins ensuring the products can be used in the highest grade of cleanroom. Contec's disinfectant range includes a choice of fast acting sporicides, a low residue sporicide and a broad spectrum disinfectant. Crucially, all Contec's alcohols and disinfectant products will be supported through the Biocidal Products Regulation, ensuring continuity of supply.

Pre-disinfection cleaning and residue removal can be carried out using Contec's Neutral Detergent which is ideal for the low level cleaning needed in critical environments. Contec NeutraKlean is available sterile and filtered and in a convenient unit dose concentrate.

Contec's range of disinfectants and alcohols are all cleanroom manufactured to the principles of cGMP. Trigger sprays are designed with a protected system to prevent contamination. All trigger sprays and bottles are packed in multiple sealed bags for ease of entry into pharmaceutical cleanrooms.

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Contamination Control

Cleaning and microbial contamination control are critical focus areas in pharmaceutical and medical device industries. Robust cleaning and disinfection programmes are needed to meet the required cleanroom microbial grades, to prevent cross contamination and subsequent microbial contamination of products.

An inadequate microbial control programme can cause significant risk to patient safety, at the very least product recall, and financial loss to the company. Control of microbiological contamination and root-cause investigation are among the top 10 most observed deficiencies by the FDA since 2012.

"A cleanroom disinfectant needs to have good broad spectrum efficacy, including highly resistant bacterial and fungal spores"

The manufacture of both human and veterinary medicines in the EU is governed by EudraLex Vol 4 Good Manufacturing Practice (EU GMP)[1]. Annex 1[2] of EU GMP specifically covers the Manufacture of Sterile Medicinal Products. and specifies 4 distinct grades of cleanroom for the manufacture of different sterile medicinal products. The accepted level of viable and non viable contamination allowed in each grade of cleanroom is clearly specified.

EU GMP Maximum action limits for viable particle contamination (cfu)

	Air Sample /m³	Settle Plates /plate 90mm ø	Contact Plates /plate 55mm ø	Glove Prints per glove
A	No growth			
B	10	5	5	5
C	100	50	25	-
D	200	100	50	-

EU GMP Annex 1

EU GMP Annex 1 has recently been updated, August 2022 with significant emphasis on contamination control. References to cleaning and disinfection have been expanded, it being noted that "The disinfection of cleanrooms is particularly important. They should be cleaned and disinfected thoroughly in accordance with a written programme."

Cleaning

Surfaces with high levels of soil or residues from disinfectants will have a detrimental effect on the disinfectant used. Starting with a surface free of non-viable contamination may mean a less aggressive disinfectant can be employed.

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 amount of soil even in the lowest grade of pharmaceutical cleanroom is minimal compared with other industries so cleaning may only need to be carried out on a regular but infrequent basis.

The annex now states that "For disinfection to be effective, prior cleaning to remove surface contamination should be performed." This clarifies current best practice that cleaning and disinfection are two distinct activities trying to achieve different things.

Disinfection

The aim of disinfection is to reduce the viable contamination within the cleanroom to a predefined level. Disinfection is defined in Annex 1 as "The process by which the reduction of the number of microorganisms is achieved by the irreversible action of a product on their structure or metabolism, to a level deemed to be appropriate for a defined purpose."

Disinfectant Efficacy

Not all disinfectants are efficacious against all types of microorganisms. Gerald McDonnell and A Denver Russell published a paper: Antiseptics and Disinfectants: Activity, Action, and Resistance[3] which highlighted the descending order of a microorganisms innate resistance to disinfectants.

A cleanroom disinfectant programme needs to cover a wide spectrum of efficacy, including highly resistant bacterial and fungal spores.

This might not be achieved with one disinfectant but a combination of disinfectants. GMP Annex 1 states "More than one type of disinfecting agent should be employed to ensure that where they have different modes of action, their combined usage is effective against bacteria and fungi. Disinfection should include the periodic use of a sporicidal agent".

Disinfectants are generally classified into three main groups.

Alcohols

70% solutions of Isopropanol or Denatured Ethanol with Water for Injection or Deionised Water are routinely used in cleanrooms, as they leave no residue and are fast acting against bacteria and yeasts.

Broad Spectrum Disinfectants

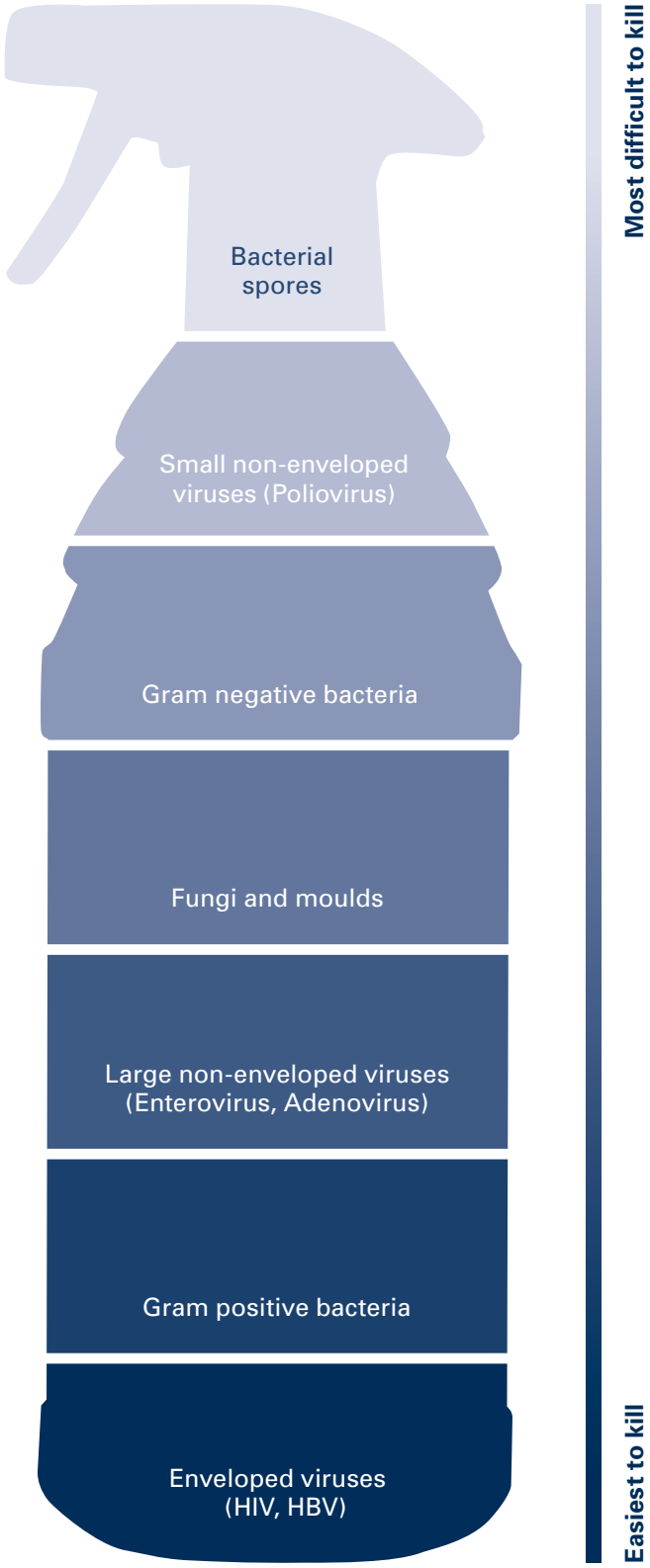
Used daily, broad spectrum disinfectants will usually have effectiveness against all bacteria, enveloped viruses and yeasts. Some will also be efficacious against fungal spores. A broad spectrum disinfectant will not be effective against bacterial spores.

Sporicides

From Annex 1 "An agent that destroys bacterial and fungal spores when used in sufficient concentration for specified contact time. It is expected to kill all vegetative microorganisms."

This is the smallest group of disinfectants available. They are sometimes used in rotation with a broad spectrum disinfectant, periodically or for action point use.

Most cleanroom biodecontamination programmes will include 70% alcohol, a broad spectrum disinfectant and a sporicide. In combination these will need to be effective against all microbial contamination found in the facility.



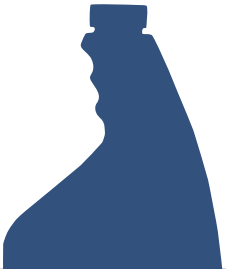
(1) EudraLex. The Rules Governing Medicinal Products in the European Union Volume 4, EU Guidelines to Good Manufacturing Practices for Medicinal Products for Human and Veterinary Use

(2) Annex 1 – Manufacture of Sterile Medicinal Products 2022

(3) Clinical Microbiology Review. 1999 Jan 12: 147–179 Antiseptics and Disinfectants: Activity, Action, and Resistance Gerald McDonnell and A. Denver Russell

Typical Contamination Control Programme

A cleaning and disinfection regime will be facility specific and based on environmental monitoring. However, a typical biodecontamination programme will include a broad spectrum disinfectant used daily, and the routine or periodic use of a sporicide. Good practice will also include the removal of residues, either daily with a no-residue product or by wiping-to-dry. A detergent could be used periodically, if residue build-up becomes a problem or after maintenance.

DISINFECT	Use ***every day*** on all surfaces.	**Broad spectrum** • Contec CyChlor • Contec 70% Alcohol	
DISINFECT	***Periodically*** based on environmental monitoring or action point.	**Sporicide** • Contec PeridoxRTU • Contec ProChlor • Contec HydroPure	
RINSE	***Every day*** after cleaning and disinfection.	**Rinse** • Water for injection • Contec Alcohol • Contec HydroPure • (or wipe to dry)	
CLEAN	Use after maintenance or spills and periodically to remove built-up residues.	**Clean** • Contec NeutraKlean • Contec NeutraKlean Concentrate	

Choice of disinfectant

A successful cleanroom disinfectant needs to meet many criteria, not only in terms of its efficacy but also in terms of packaging, ease of use and operator acceptability. A cleanroom disinfectant needs to have good broad spectrum efficacy, including against highly resistant bacterial and fungal spores.

The requirements for the ideal cleanroom disinfectant are many; a sterile option for grade A and B environments, non-flammable so can it be used over large areas without health and safety concerns, fast drying with short contact times to reduce the time taken for biodecontamination, low residue or residue-free and in a format and packaging suitable for use and transfer into a cleanroom environment. However, this cannot be traded for problems with equipment or operators, or the wider environment in terms of disposal.

This ideal disinfectant would need to be manufactured to the requirements of cGMP, be authorised with the European Biocides Regulation (BPR)[1] and provided in cleanroom compatible packaging in a variety of formats so that it is suitable for use in all areas of the cleanroom. It goes without saying that this all needs to be achieved in a cost-effective formulation.

Cleaning and disinfection

It is very difficult to recommend a cleaning and disinfection regime as it depends on many factors. The protocols and their frequency should be the result of validation and risk assessment through environmental monitoring of the cleanroom.

There are, however, some points highlighted in Annex 1[2] which need to be followed.

- Products used in pharmaceutical Grade A and B zones should be sterile prior to use.
- Cleanrooms should be cleaned and disinfected thoroughly in accordance with a written programme (for disinfection to be effective, cleaning to remove surface contamination must be performed first).
- More than one type of disinfecting agent should be employed, and should include the periodic use of a sporicidal agent.
- Disinfectants should be shown to be effective for the duration of their in-use shelf-life taking into consideration appropriate contact time and the manner in which they are used.
- Monitoring should be undertaken regularly in order to show the effectiveness of the disinfection program and to detect the development of resistant and/or spore forming strains.
- Cleaning programs should be effective in the removal of disinfectant residues.

Other general recommendations include:

- Horizontal surfaces will require more frequent cleaning and disinfection than vertical surfaces.
- Higher grades of room and product contact areas will need more frequent cleaning and disinfection.
- Areas which experience high levels of activity will need more frequent cleaning and disinfection.

(1) EU Biocides Regulation 528/2012 (BPR)
(2) Annex 1 – Manufacture of Sterile Medicinal Products 2022

EU Biocides Regulation

Biocidal products manufactured in or imported into the European Union (EU) must be authorised for compliance with the requirements of the EU Biocides Regulation (BPR) and any relevant national legislation before being placed on the market.

Biocidal products have been regulated in the EU by the EU Biocides Regulation 528/2012 (BPR) since 1 September 2013.

The aim of the BPR is to improve the consistency of the biocidal products available in the EU and ensure a high level of protection for humans and the environment via a two-stage process of active substance approval followed by biocidal product authorisation. The provisions of the BPR set out to harmonise the market at EU level and simplify the approval of active substances and authorisation of biocidal products. The BPR acts directly in all EU Member States, meaning that local legislation does not need to be created to implement the requirements.

Biocidal product definition

Article 3 of the BPR defines a biocidal product as, *"any substance or mixture, in the form in which it is supplied to the user, consisting of, containing or generating one or more active substances, with the intention of destroying, rendering harmless, preventing the action of, or otherwise exerting a controlling effect on any harmful organisms by any means other than mere physical or mechanical action."*

If the intended use of a wipe presaturated with 70% IPA is for surface disinfection, even if the manufacturer makes no biocidal efficacy claims, the product is classified as a biocidal product according to the BPR.

Biocidal product authorisation process

There are two consecutive steps required to gain EU BPR biocidal product authorisation:

1. The active substance(s) in the biocidal product must be approved under the appropriate product-type. This process takes place at EU-level.
2. Each biocidal product containing or generating the approved active substance(s) must then be authorised under the appropriate product type at industry level.

When active substances are approved, they are listed in EU BPR Article 95: Approved List of Active Substances (Union List).

The EU BPR consists of four product groups including 22 different biocidal product types covering: disinfectants, preservatives, pest control and specialty biocides. The group relevant to life science cleanroom users is Main Group 1: Disinfectants and PT2: — disinfectants and algaecides not intended for direct application to humans or animals. This includes products used for the disinfection of surfaces, materials and equipment, which do not come into contact with food.

When a disinfectant has been authorised under one product- type it cannot be used in another product-type unless authorisation is also granted for the second product-type.

Article 95 of the BPR

As well as the approval process described above, from 1 September 2015, Article 95 of the BPR has applied to active substances placed on the EU market, either on their own or in biocidal products. Biocidal products cannot be made available on the EU market unless the active substance is sourced from an approved supplier on the so-called Article 95 list maintained by the European Chemicals Agency (ECHA).

For example, if a wipe containing 70% IPA is imported from a manufacturer outside of the EU, either the active substance supplier, the product manufacturer or the EU importer must be listed on Article 95. If none of the above are listed on Article 95, the product cannot be sold legally in the EU as a biocidal product.

Keeping track of the BPR

The active substance approval process is ongoing and is gradually replacing national regulations. Each biocidal active substance is at a different stage in the regulatory process and keeping track of the status of the active substances in your biocidal products is critical to ensure continuity of supply.

Biocidal products, which are not going through the authorisation process can no longer be placed on the market from 180 days after the date of approval of the active substance, and they can no longer be used from 365 days after the date of approval. Where the biocidal product contains more than one active substance, the relevant phase- out periods begin on the date of approval of the final active substance to be approved, or not-approved.

Current status of Contec Disinfectants

There is currently no definitive list of authorised disinfectant products and the BPR active substance approval process is expected to still take several more years before completion. All active substances in Contec's biocidal products are approved, or being evaluated for approval, in the relevant product-types in the BPR review programme. For all Contec biocidal products, the active substance or biocidal product suppliers are included in the 'Article 95 list'.

Contec intends to submit applications for Union Authorisation for all its biocidal product families to ensure continuity of supply throughout the entire EU/EEA.

70% IPA Contec 70% IPA, PROSATS with 70% IPA, SATWIPEs with 70% IPA

Contec's EU BPR product dossier for all products containing 70% IPA has received Union Authorisation from the ECHA Biocidal Products Committee. All Contec's IPA products including presaturated wipes are authorised for sale in all EU countries and the UK. The Authorisation Number for the product family is EU-0020460-0000.

Hydrogen Peroxide / Peracetic Acid Contec PeridoxRTU

Contec's EU BPR product dossier for all Contec PeridoxRTU products has received Union Authorisation from the ECHA Biocidal Products Committee. All products are authorised for sale in all EU countries and the UK. The Authorisation Number for the product family is EU-0023658-0000.

6% Hydrogen Peroxide Contec HydroPure, SATWIPES with HydroPure

Contec's EU BPR product dossier for all Contec HydroPure products has received Union Authorisation from the ECHA Biocidal Products Committee. All products are authorised for sale in all EU countries. The Authorisation Number for the product family is EU-0027735-0000. Contec's HydroPure dossier for the GB BPR has been submitted, which allows the product to remain on the market in UK, pending authorisation.

Hypochlorous Acid Contec ProChlor, SATWIPES with ProChlor

Contec ProChlor and Contec CyChlor product dossiers were submitted before the BPR deadline of 1 January 2019 and are now under review by the MSCA for the Netherlands [Contec Calcium Hypochlorite Product Family Case number: BC-LY047116-11].

70% Denatured Ethanol Contec 70% Denat Ethanol, PROSATS with 70% DE, SATWIPEs with 70% DE

Biocidal product authorisation applications will be submitted for all Contec Denatured Ethanol products before the relevant deadline. This will be assigned on completion of the active substance approval. The approval process for ethanol has been ongoing for several years at EU-level and is not expected to be completed before the end of 2023.

Contec ProChlor

- Fast acting sporicide; achieving 100% kill against spores in under 1 minute
- Available sterile and filtered
- Cleanroom manufactured
- Supplied as trigger sprays for small areas, or 1L and 5L capped containers

Contec ProChlor is a revolutionary cleanroom sporicide achieving a 100% kill against spores in under 1 minute. 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 low residue, low odour and carries no hazard classification.

"Log 6 kill against Bacillus sp. spores in 1 minute using EN13697 surface test."

Contec ProChlor 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 1L and 5L capped containers for when larger volumes are required. Contec ProChlor is also available as a point-of-use presaturated wipe system.

Product Application

Contec ProChlor 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.

ProChlor Specification

- 2000ppm hypochlorous acid in purified water
- Ready-to-use with a 2 year shelf life
- 0.2 micron filtered under Grade A air in a Grade B cleanroom
- Sterile version is filled into pre-irradiated components
- 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

Features and Benefits	
Log 6 kill against Bacillus subtilis in 60 secs	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 cleanroom	Ensures the product is free from contamination and particulates.
Sterile version available	Suitable for Grade A and B cleanrooms.
Contains no quaternary ammonium or surfactant	Very low residue, saving time on residue removal.
No hazard classification	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	Large droplet size reduces the risk of inhalation and provides good surface coverage.
Double bagged packed in linear tear packaging	Each bag is easy to open even when wearing gloves.
	Facilitates transfer disinfection into cleanroom.
Not classed as corrosive	Can be used safely in all areas of the cleanroom.

Efficacy

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

*Test fields 2 - 4 average of 0 cfu

Part No	Description	Size	Case Size
SBT102PC	Contec Sterile ProChlor Stabilised Hypochlorous acid in purified water, trigger spray	1L	6 bottles x case
SBC102PC	Contec Sterile ProChlor Stabilised Hypochlorous acid in purified water, capped	1L	6 bottles x case
SBC502PC	Contec Sterile ProChlor Stabilised Hypochlorous acid in purified water, capped	5L	2 bottles x case
FBT102PC	Contec ProChlor Stabilised Hypochlorous acid in purified water, trigger spray	1L	6 bottles x case
FBC102PC	Contec ProChlor Stabilised Hypochlorous acid in purified water, capped	1L	6 bottles x case
FBC502PC	Contec ProChlor Stabilised Hypochlorous acid in purified water, capped	5L	2 bottles x case

Contec PeridoxRTU

- Fast acting sporicide; achieving a log 3 kill against spores in 3 minutes
- Available validated sterile
- BPR and EPA authorised
- Available as a 09.L bottle with a flip cap or 3.78L capped container

Contec PeridoxRTU is a BPR and EPA authorised sporicide achieving greater than a log 3 reduction against bacterial and fungal spores in under 3 min. A blend of hydrogen peroxide and peracetic acid, Contec PeridoxRTU is provided ready-to-use and is efficacious against bacteria, fungi, moulds, yeasts and spores.

"Log 3 reduction against bacterial and fungal spores in 3 mins using EN13697 surface test."

PeridoxRTU's proprietary formulation contains surfactants for cleaning efficiency along with corrosion inhibitors for surface protection. PeridoxRTU can be used to clean and disinfect surfaces without damage or loss of functionality.

Contec PeridoxRTU is filtered and filled in a controlled environment. The sterile product is provided validated sterile to a Sterility Assurance Level of 10^{-6}. Provided double or single bagged, the product is designed for ease of entry into pharmaceutical cleanrooms.

Available as either a 0.9L bottle with flip cap for small areas or in 3.78L capped containers for mop head saturation or when larger volumes are required.

Product Application

Contec PeridoxRTU 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.

PeridoxRTU Specification

- 0.23% peracetic acid and 4.4% hydrogen peroxide
- Ready-to-use with a 2 year shelf life
- Flip cap for easy application to a wipe, or capped for larger areas
- Validated sterile to SAL 10^{-6}
- Sinlge or double bagged in polyethylene linear tear bags
- Relevant certificates of analysis and sterility provided with every batch.
- Full supporting documentation information is available on request

Features and Benefits	
Patented hyperactive technology	Fast acting so saves time spent on biodecontamination.
	Log 3 reduction against bacterial and fungal spores in 3 mins.
Validated sterile version available	Suitable for Grade A and B cleanrooms.
Excellent material compatibility	Will not damage common cleanroom materials.
Double/single bagged	Facilitates transfer disinfection into cleanroom.
Push/pull cap on 0.9L	Eliminates droplets reducing the risk of inhalation.
	Can be easily applied to a wipe or cleaning tool.
BPR and EPA authorised	Approved for use across all countries of EU and North America.

Efficacy

Test	Description	Log Reduction	Time	Test	Description	Log Reduction	Time
EN1276	E. *hirae*	> 5.25	2 min	EN13697	C. *albicans*	> 4.43	3 min
EN1276	S. *aureus*	> 5.39	2 min	EN13697	A. *brasiliensis*	> 4.47	3 min
EN1276	P. *aeruginosa*	> 5.28	2 min	EN13697	B. *subtilis*	> 4.74	3 min
EN1276	E. *coli*	> 5.28	2 min	EN13697	B. *cereus*	> 3.65	3 min
EN1650	A. *brasiliensis*	> 4.46	3 min	EN16615	C. *albicans*	> 5 test area 1*	1 min
EN1650	C. *albicans*	> 4.47	3 min	EN16615	A. *brasiliensis*	> 4.57 test area 1*	1 min
EN13704	B. *subtilis*	> 3.39	3 min	EN16615	A. *subtilis*	3.37 test area 1*	1 min

*Test fields 2-4 average of <50 cfu per 25cm^2

Part No	Description	Size	Case Size
SBC0902PX	Contec Sterile PeridoxRTU Hydrogen Peroxide / Peracetic Acid, flip cap	0.9L	6 bottles x case
SBC3702PX	Contec Sterile PeridoxRTU Hydrogen Peroxide / Peracetic Acid, capped	3.78L	4 bottles x case
FBC0902PX	Contec PeridoxRTU Hydrogen Peroxide / Peracetic Acid, flip cap	0.9L	6 bottles x case
FBC3702PX	Contec PeridoxRTU Hydrogen Peroxide / Peracetic Acid, capped	3.78L	4 bottles x case

Contec HydroPure

- 6% hydrogen peroxide and water for injection or purified water
- Guaranteed endotoxin level of less than 0.25 EU/ml making it ideal for use in product contact areas
- Effective against bacteria, fungi, moulds, yeasts and spores
- Leaves no residue

Contec HydroPure is an EU BPR authorised 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.

"guaranteed endotoxin level of less than 0.25 EU/ml making it ideal for use in product contact areas"

Contec HydroPure is available as 1L trigger spray, and in 1L and 5L capped containers. A non-sterile version for lower grade rooms is also available. The product is 0.2 microns filtered and filled under Grade A uni-directional air flow.

The sterile product is gamma irradiated at no less than 25kGy.

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. Contec HydroPure is also available as a point-of-use presaturated wipe system.

The relevant certificates of analysis and sterility are provided with every batch. Full detailed supporting information is available on request.

Product Application

Contec HydroPure is provided ready to use so can be applied directly to the surface ensuring even coverage. 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.

Sterile HydroPure Specification

- 1L trigger spray* - 6% hydrogen peroxide in water for injection
- 1L and 5L capped* - 6% hydrogen peroxide in purified water
- Ready-to-use with a 2 year shelf life
- *Less than 0.25 EU/ml
- Gamma irradiated at no less than 25kGy
- 1L trigger spray triple bagged in polyethylene linear tear bags
- Capped products double bagged in polyethylene linear tear bags

Filtered HydroPure Specification

- 6% hydrogen peroxide in purified water
- Ready-to-use with a 2 year shelf life
- Filtered to 0.2 microns in a Grade B cleanroom
- Double bagged in polyethylene linear tear bags

Features and Benefits	
Hydrogen peroxide breaks down to water and oxygen	Very low residue so suitable for product contact areas.
Guaranteed endotoxin level of less than 0.25 EU/ml	Safe to use in product contact areas.
Filtered to 0.2 microns under Grade A airflow in a Grade B cleanroom	Ensures the product is free from contamination and particulates.
EU BPR union authorisation	Approved for use in all countries of the EU.
Sterile version available	Suitable for use in Grade A and B cleanrooms.
Trigger spray can be set to jet or spray	Large droplet size reduces the risk of inhalation and provides good surface coverage.
Triple / double bagged in linear tear packaging	Each bag is easy to open even when wearing gloves.
	Facilitates transfer disinfection into isolators and RABS.
Not classed as corrosive	Can be used safely in all areas of the cleanroom.

Efficacy

Test	Description	Log Reduction	Time	Test	Description	Log Reduction	Time
EN1276/13697	E. *hirae*	>5	15 min	EN1650	A. *brasiliensis*	>4.83	30 min
EN1276/13697	S. *aureus*	>5	15 min	EN13704	B. *subtilis*	>2.15	45 min
EN1276/13697	P. *aeruginosa*	>5	15 min	EN13704	B. *subtilis*	>3.48	60 min
EN1276/13697	E. *coli*	>5	15 min	EN13697	C. *albicans*	>5.06	30 min
EN1650	C. *albicans*	>4.26	30 min	EN13697	A. *brasiliensis*	>3.62	30 min

*Test fields 2 - 4 average of 0 cfu

Part No	Description	Size	Case Size
SBT16HPW	Contec Sterile HydroPure Stabilised 6% hydrogen peroxide in water for injection, trigger spray	1L	6 bottles x case
SBC16HP	Contec Sterile HydroPure Stabilised 6% hydrogen peroxide in purified water, capped	1L	6 bottles x case
SBC56HP	Contec Sterile HydroPure Stabilised 6% hydrogen peroxide in purified water, capped	5L	2 bottles x case
FBT16HP	Contec HydroPure 6% hydrogen peroxide in purified water, trigger spray	1L	6 bottles x case
FBC16HP	Contec HydroPure 6% hydrogen peroxide in purified water, capped	1L	6 bottles x case
FBC56HP	Contec HydroPure 6% hydrogen peroxide in purified water, capped	5L	2 bottles x case

Contec ProChlor SATWIPES System

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. Contec ProChlor has also been tested against the EN 16615 test for presaturated wipes achieving a greater than log 6 kill against fungal and bacillus spores.

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

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

Contec ProChlor is 0.2 micron filtered, and filled in a Grade B/C environment. The sterile product is filtered into pre-irradiated components. The canister of dry wipes is packed in a Grade C cleanroom. The product has a 2 year shelf life.

> " Fast acting sporicide; achieving 100% kill against spores in under 1 minute."

Product Application

Pour 700ml Contec ProChlor into the centre of the wipe roll. Close lid and invert canister multiple times. Wait 5 minutes this will ensure saturation of all wipes. Once saturated with ProChlor, the wipes are suitable for sporicidal disinfection. Wipes should be used within 8 hours & immediately disposed of.

Specification

Contec ProChlor 700ml

- 2000ppm hypochlorous acid in purified water
- 1L capped bottle
- Ready-to-use with a 2 year shelf life
- 0.2 micron filtered under UDAF air in a Grade B / C cleanroom
- Sterile version is filled into pre-irradiated components

SATWIPE Canister 120 wipes

- 34gsm meltblown polypropylene wipes 150 x 200mm
- 2 year shelf life
- Packed in a grade C cleanroom
- Relevant certificates of analysis are provided with every batch
- Full supporting documentation is available on request
- Canister and bottle double bagged in polyethylene linear tear bags

Features and Benefits	
Impregnated wipes at point of use	Convenient and controlled application of disinfectant.
Log 5 kill against Bacillus subtilis in 60 seconds	Fast acting so suitable for transfer disinfection.
120 polypropylene wipes in a canister	Reduces amount of packaging generated.
	Convenient and easy to use.
	High quality wipe for transfer disinfection.
Filtered to 0.2 microns in a Grade B cleanroom	Ensures the product is free from contamination and particulates.
Contains no quaternary ammonium or surfactant	Very low residue, saving time on residue removal.
No hazard classification	Good operator acceptability.
Double bagged in linear tear packaging	Each bag is easy to open even when wearing gloves.

Efficacy

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

*Test fields 2 - 4 average of 0 cfu

Part No	Description	Size	Case Size
XSWPP02PC	Contec Meltblown Polypropylene SATWIPES System For use with Contec Sterile ProChlor	150 x 200mm	120 wipes per canister 10 canisters per case
FSWPP02PC	Contec Meltblown Polypropylene SATWIPES System For use with Contec ProChlor	150 x 200mm	120 wipes per canister 10 canisters per case

Contec HydroPure SATWIPES System

Contec HydroPure is an EU BPR authorised blend of 6% hydrogen peroxide and purified water and is 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 15 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.

Contec HydroPure is 0.2 micron filtered, and filled in a Grade A environment before irradiation at no less than 25 kGy. The dry wipe canister packed in a cleanroom and irradiated at no less than 25 kGy. The product has a 2 year shelf life.

"...leaves little to no residue making it ideal for critical areas"

Product Application

Pour 500ml Contec HydroPure into the centre of the wipe roll. Close lid and invert canister multiple times until all fluid is absorbed into the wipes, this should take less than 5 mins. Once saturated with Contec HydroPure, the wipes are suitable for sporicidal disinfection. Wipes should be used within 7 days and then disposed of. There is space to write the saturation date on the front of the canister.

Specification

Contec HydroPure

- 6% hydrogen peroxide in purified water
- Ready-to-use with a 2 year shelf life
- 0.2 micron filtered
- Gamma irradiated at no less than 25kGy

SATWIPE Canister 100 wipes

- 54gsm polyester/cellulose wipes 150 x 230mm
- 2 year shelf life
- Packed in a grade C cleanroom
- Gamma irradiated at no less than 25kGyy
- Canister and bottle double bagged in polyethylene linear tear bags
- Relevant certificates of analysis are provided with every batch
- Full supporting documentation is available on request

Features and Benefits	
Impregnated wipes at point of use	Convenient and controlled application of disinfectant.
EU BPR union authorisation	Approved for use in all countries of the EU.
Hydrogen peroxide breaks down to water and oxygen	Very low residue so suitable for product contact areas.
	Saves times since no resuide removal is required.
	Ideal for a Grade A / B area.
100 polyester / cellulose wipes in a canister	High quality wipe for transfer disinfection.
	Reduces amount of packaging generated.
Gamma irradiated at no less than 25 kGy	Suitable for Grade A and B cleanrooms.
Filtered to 0.2 microns in a Grade B cleanroom	Ensures the product is free from contamination and particulates.
Not classified as corrosive	Good operator acceptability as low odour and hazard.
Double bagged in linear tear packaging	Each bag is easy to open even when wearing gloves.

Efficacy

Test	Description	Log Reduction	Time	Test	Description	Log Reduction	Time
EN16615	S. *aureus*	>6.03 test area 1*	5 min	EN16615	C. *albicans*	>4.18 test area 1*	5 min
EN16615	E. *hirae*	>5.70 test area 1*	5 min	EN16615	A. *brasiliensis*	>4.61 test area 1*	15 min
EN16615	P. *aeruginosa*	>5.06 test area 1*	5 min	EN16615	B. *subtilis*	>3.81 test area 1*	15 min

*Test fields 2 - 4 average of <6 cfu

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

Contec CyChlor

- Effective broad spectrum disinfectant in 3 mins
- Designed for every day use
- Available sterile and filtered
- Low residue
- No hazard classification

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.

"ready-to-use and is efficacious against bacteria and yeasts in 3 minutes"

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 1L and 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.

Product Application

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.

CyChlor Specification

- 600ppm hypochlorous acid in purified water
- Ready-to-use with a 2 year shelf life
- 0.2 micron filtered under Grade A air in a Grade B cleanroom
- Sterile version is filled into pre-irradiated components
- 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.

Features and Benefits	
Broad spectrum efficacy in 3 mins	Fast acting so saves time spent on biodecontamination.
Filtered to 0.2 microns and filled in a Grade A environment	Ensures the product is free from contamination and particulates.
Sterile version available	Suitable for Grade A and B cleanrooms.
Contains no quaternary ammonium or surfactant	Very low residue, saving time on residue removal.
No hazard classification	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	Large droplet size reduces the risk of inhalation and provides good surface coverage.
Double bagged packed in linear tear packaging	Each bag is easy to open even when wearing gloves.
	Facilitates transfer disinfection into cleanroom.
Not classed as corrosive	Can be used safely in all areas of the cleanroom.

Efficacy

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

Part No	Description	Size	Case Size
SBT100CC	Contec Sterile CyChlor Stabilised Hypochlorous acid in purified water, trigger spray	1L	6 bottles x case
SBC100CC	Contec Sterile CyChlor Stabilised Hypochlorous acid in purified water, capped	1L	6 bottles x case
SBC500CC	Contec Sterile CyChlor Stabilised Hypochlorous acid in purified water, capped	5L	2 bottles x case
FBT100CC	Contec CyChlor Stabilised Hypochlorous acid in purified water, trigger spray	1L	6 bottles x case
FBC100CC	Contec CyChlor Stabilised Hypochlorous acid in purified water, capped	1L	6 bottles x case
FBC500CC	Contec CyChlor Stabilised Hypochlorous acid in purified water, capped	5L	2 bottles x case

"Ideal for the low level cleaning required in life science cleanrooms"

Contec NeutraKlean

Contec NeutraKlean is a gentle and nonfoaming, neutral detergent designed for the cleaning of life science cleanrooms. 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.

Ready to use

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

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.

Unit dose concentrate

Also 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 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 0.2 micron filtered and filled under Grade A air and bagged in a Grade C cleanroom and then gamma irradiated at no less than 25 kGy. Four 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.

"Convenient unit dose concentrate...cost effective for larger areas of the cleanroom."

NeutraKlean Ready to Use Specification

- 0.3% amine oxide in purified water (EP)
- Ready-to-use with a 2 year shelf life
- 0.2 micron filtered under Grade A air in a Grade C cleanroom
- Sterile version - gamma irradiated at no less than 25 kGy
- Double bagged in polyethylene linear tear bags
- Trigger spray with jet or spray option

NeutraKlean Concentrate Specification

- 7.5% amine oxide in purified water (EP) (dilutes in 5L of water to create a RTU detergent of 0.3% amine oxide)
- Concentrate with a 2 year shelf life
- 0.2 micron filtered under Grade A air in a Grade C cleanroom
- Gamma irradiated at no less than 25 kGy
- 4 x 150ml bottles double bagged in polyethylene linear tear bags

Features and Benefits	
Neutral pH after irradiation / dilution	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	Ensures the product is free from contamination and particulates.
Sterile version - gamma irradiated	Can be used in product contact areas.
Low level of surfactant	Low residue which can be easily removed.
Low foaming detergent action	Ideal for use on floors, walls and benches.
Trigger spray and “bag in bottle” protected system	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.
Double bagged packed in linear tear packaging	Each bag is easy to open even when wearing gloves.
	Facilitates transfer into cleanroom.

Part No	Description	Size	Case Size
SBT103NK	Contec Sterile NeutraKlean Neutral detergent in purified water, trigger spray	1L	6 bottles x case
SBC103NK	Contec Sterile NeutraKlean Neutral detergent in purified water, capped	1L	6 bottles x case
SBC503NK	Contec Sterile NeutraKlean Neutral detergent in purified water, capped	5L	2 bottles x case
FBT103NK	Contec NeutraKlean Neutral detergent in purified water, trigger spray	1L	6 bottles x case
FBC103NK	Contec NeutraKlean Neutral detergent in purified water, capped	1L	6 bottles x case
FBC503NK	Contec NeutraKlean Neutral detergent in purified water, capped	5L	2 bottles x case

Part No	Description	Size	Case Size
SBC015NK	Contec Sterile NeutraKlean Concentrate Neutral detergent in purified water, capped	150 ml	4 bottles per bag 10 bags per case

Contec Sterile Alcohol Low Endotoxin

Contec Sterile alcohols are a blend of 70% v/v isopropanol or denatured ethanol with 30% water for injection or purified water. The alcohol blend is 0.2 micron filtered, filled and bagged in a Grade C (ISO Class 7) cleanroom. This clean manufacture coupled with water for injection or purified water means the alcohol blend is guaranteed to have an endotoxin level of less than 0.25EU / ml.

Contec's ethanol is only denatured with IPA creating a very low residue product. Contec sterile alcohol is provided sterile by gamma irradiated using a validated process at no less than 25 kGy.

Supplied as 0.5L or 1L trigger sprays fitted with a protected system, which ensures sterility throughout use, or 5L capped container for larger areas.

The trigger sprays are provided triple bagged for easy of entry into product contact areas, 5L capped containers are double bagged.

Certificate of irradiation, sterility and endotoxin limit are provided with every batch. Full efficacy information including EN1276, EN1650 and EN13697 is available on request.

Contec's EU BPR product dossier for all products containing 70% IPA has received Union Authorisation from the ECHA Biocidal Products Committee. All Contec's IPA products are authorised for sale in all EU countries and the UK. The Authorisation Number for the product family is EU-0020460-0000.

"...guaranteed low endotoxin level of 0.25EU/ml"

Features and Benefits	
Guaranteed endotoxin levels of <0.25EU/ml	Suitable for use in product contact areas.
GMP manufactured under Grade A air flow in a Grade C cleanroom	Ensures the alcohol, container and packaging are free from contamination and particulates.
Sterile via gamma irradiation	Suitable for use in Grade A and B cleanrooms.
No denaturants other than IPA	Completely residue free.
Trigger sprayer and "bag in bottle" protected system	Prevents bottle contents from becoming contaminated during use.
	No need to discard unused product during shelf life.
	Bottles can be completely emptied eliminating wastage.
Trigger sprayer can be set to jet or spray	Large droplet size reduces the risk of inhalation and provides good surface coverage.
Double or triple bagged packed in linear tear packaging	Each bag is easy to open even when wearing gloves.
	Facilitates transfer disinfection into cleanroom.

Part No	Description	Size	Case Size
SBT0570IW	Contec Sterile IPA 70% IPA in water for injection, trigger spray	0.5L	8 bottles x case
SBT170IW	Contec Sterile IPA 70% IPA in water for injection, trigger spray	1L	6 bottles x case
SBC570I	Contec Sterile IPA 70% IPA in purified water, capped	5L	2 bottles x case
SBT0570DEW	Contec Sterile Denatured Ethanol 70% denatured ethanol in water for injection, trigger spray	0.5L	8 bottles x case
SBT170DEW	Contec Sterile Denatured Ethanol 70% denatured ethanol in water for injection, trigger spray	1L	6 bottles x case
SBC570DE	Contec Sterile Denatured Ethanol 70% denatured ethanol in purified water, capped	5L	2 bottles x case

Contec Filtered Alcohol

Contec alcohols are a blend of 70% v/v isopropanol or denatured ethanol with 30% purified water. The alcohol blend is 0.2 micron filtered, filled and bagged in a Grade C (ISO Class 7) cleanroom.

Contec's ethanol is only denatured with IPA creating a very low residue product.

Supplied as either trigger sprays fitted with a protected system, which ensures sterility throughout use, or 5L capped containers for when larger volumes are required.

Contec filtered alcohols are provided double bagged for ease of entry into a cleanroom environment. Linear tear bags are easy to open even when wearing gloves.

A certificate of conformity is provided with every batch. Full efficacy information including EN1276, EN1650 and EN13697 is available on request.

Contec's EU BPR product dossier for all products containing 70% IPA has received Union Authorisation from the ECHA Biocidal Products Committee. All Contec's IPA products are authorised for sale in all EU countries and the UK. The Authorisation Number for the product family is EU-0020460-0000.

BIOCIDAL PRODUCTS REGULATION · BPR · AUTHORISED ·

"...0.2 micron filtered in a grade C cleanroom"

Features and Benefits	
0.2 micron filtered in a grade C cleanroom	Ensures the alcohol is free from contamination and particulates.
No denaturants other than IPA	Completely residue free.
Trigger sprayer and "bag in bottle" protected system	Prevents bottle contents from becoming contaminated during use.
	No need to discard unused product during shelf life.
	Bottles can be completely emptied eliminating wastage.
Trigger sprayer can be set to jet or spray	Large droplet size reduces the risk of inhalation and provides good surface coverage.
Double bagged packed in linear tear packaging	Each bag is easy to open even when wearing gloves.
	Facilitates transfer disinfection into cleanroom.

Part No	Description	Size	Case Size
FBT170I	Contec IPA 70% IPA in purified water, trigger spray	1L	6 bottles x case
FBC570I	Contec IPA 70% IPA in purified water, capped	5L	2 bottles x case
FBT170DE	Contec Denatured Ethanol 70% denatured ethanol in purified water, trigger spray	1L	6 bottles x case
FBC570DE	Contec Denatured Ethanol 70% denatured ethanol in purified water, capped	5L	2 bottles x case

Contec Cleanroom Solutions Guide

Product Code	Product Name	Active	Water
SBT0570IW	Contec Sterile IPA	70% Isopropanol	Water for Injection
SBT170IW	Contec Sterile IPA	70% Isopropanol	Water for Injection
SBC570I	Contec Sterile IPA	70% Isopropanol	Purified Water
FBT170I	Contec IPA	70% Isopropanol	Purified Water
FBC570I	Contec IPA	70% Isopropanol	Purified Water
SBT0570DEW	Contec Sterile Denatured Ethanol	70% Denatured Ethanol	Water for Injection
SBT170DEW	Contec Sterile Denatured Ethanol	70% Denatured Ethanol	Water for Injection
SBC570DE	Contec Sterile Denatured Ethanol	70% Denatured Ethanol	Purified Water
FBT170DE	Contec Denatured Ethanol	70% Denatured Ethanol	Purified Water
FBC570DE	Contec Denatured Ethanol	70% Denatured Ethanol	Purified Water
SBT102PC	Contec Sterile ProChlor	2000ppm Hypochlorous Acid	Purified Water
SBC102PC	Contec Sterile ProChlor	2000ppm Hypochlorous Acid	Purified Water
SBC502PC	Contec Sterile ProChlor	2000ppm Hypochlorous Acid	Purified Water
FBT102PC	Contec ProChlor	2000ppm Hypochlorous Acid	Purified Water
FBC102PC	Contec ProChlor	2000ppm Hypochlorous Acid	Purified Water
FBC502PC	Contec ProChlor	2000ppm Hypochlorous Acid	Purified Water
SBC0902PX	Contec Sterile PeridoxRTU	Hydrogen Peroxide / Peracetic Acid	Deionised Water
SBC3702PX	Contec Sterile PeridoxRTU	Hydrogen Peroxide / Peracetic Acid	Deionised Water
FBC0902PX	Contec PeridoxRTU	Hydrogen Peroxide / Peracetic Acid	Deionised Water
FBC3702PX	Contec PeridoxRTU	Hydrogen Peroxide / Peracetic Acid	Deionised Water
SBT16HPW	Contec Sterile HydroPure	6% Stabilised Hydrogen Peroxide	Water for Injection
SBC16HP	Contec Sterile HydroPure	6% Stabilised Hydrogen Peroxide	Purified Water
SBC56HP	Contec Sterile HydroPure	6% Stabilised Hydrogen Peroxide	Purified Water
FBT16HP	Contec HydroPure	6% Stabilised Hydrogen Peroxide	Purified Water
FBC16HP	Contec HydroPure	6% Stabilised Hydrogen Peroxide	Purified Water
FBC56HP	Contec HydroPure	6% Stabilised Hydrogen Peroxide	Purified Water
SBT100CC	Contec Sterile CyChlor	600ppm Hypochlorous Acid	Purified Water
SBC100CC	Contec Sterile CyChlor	600ppm Hypochlorous Acid	Purified Water
SBC500CC	Contec Sterile CyChlor	600ppm Hypochlorous Acid	Purified Water
FBT100CC	Contec CyChlor	600ppm Hypochlorous Acid	Purified Water
FBC100CC	Contec CyChlor	600ppm Hypochlorous Acid	Purified Water
FBC500CC	Contec CyChlor	600ppm Hypochlorous Acid	Purified Water
SBT103NK	Contec Sterile NeutraKlean	Amine Oxide (Neutral Detergent)	Purified Water
SBC103NK	Contec Sterile NeutraKlean	Amine Oxide (Neutral Detergent)	Purified Water
SBC503NK	Contec Sterile NeutraKlean	Amine Oxide (Neutral Detergent)	Purified Water
FBT103NK	Contec NeutraKlean	Amine Oxide (Neutral Detergent)	Purified Water
FBC503NK	Contec NeutraKlean	Amine Oxide (Neutral Detergent)	Purified Water
FBC103NK	Contec NeutraKlean	Amine Oxide (Neutral Detergent)	Purified Water
SBC015NK	Contec Sterile NeutraKlean Concentrate	Amine Oxide (Neutral Detergent)	Purified Water

T = trigger C = capped **Less than 0.25EU/ml*

Pack Size	Format	Endotoxin Limit *	Sterile	RTU	Outer Bags	Wipes Available	Sporicide
8 x 0.5L	T	Y	Y	Y	3	Y	N
6 x 1L	T	Y	Y	Y	3	Y	N
2 x 5L	C	Y	Y	Y	2	Y	N
6 x 1L	T	N	N	Y	2	Y	N
2 x 5L	C	N	N	Y	2	Y	N
8 x 0.5L	T	Y	Y	Y	3	Y	N
6 x 1L	T	Y	Y	Y	3	Y	N
2 x 5L	C	Y	Y	Y	2	Y	N
6 x 1L	T	N	N	Y	2	Y	N
2 x 5L	C	N	N	Y	2	Y	N
6 x 1L	T	N	Y	Y	2	Y	Y
6 x 1L	C	N	Y	Y	2	Y	Y
2 x 5L	C	N	Y	Y	2	Y	Y
6 x 1L	T	N	N	Y	2	Y	Y
6 x 1L	C	N	N	Y	2	Y	Y
2 x 5L	T	N	N	Y	2	Y	Y
6 x 0.9L	C	N	Y	Y	2	N	Y
4 x 3.78L	C	N	Y	Y	2	N	Y
6 x 0.9L	C	N	N	Y	1	N	Y
4 x 3.78L	C	N	N	Y	1	N	Y
6 x 1L	T	Y	Y	Y	3	N	Y
6 x 1L	C	Y	Y	Y	2	Y	Y
2 x 5L	C	Y	Y	Y	2	Y	Y
6 x 1L	T	N	N	Y	2	Y	Y
6 x 1L	C	N	N	Y	2	Y	Y
2 x 5L	C	N	N	Y	2	Y	Y
6 x 1L	T	N	Y	Y	2	N	N
6 x 1L	C	N	Y	Y	2	N	N
2 x 5L	C	N	Y	Y	2	N	N
6 x 1L	T	N	N	Y	2	N	N
6 x 1L	C	N	N	Y	2	N	N
2 x 5L	C	N	N	Y	2	N	N
6 x 1L	T	N	Y	Y	2	N	Cleaner
6 x 1L	C	N	Y	Y	2	N	Cleaner
2 x 5L	C	N	Y	Y	2	N	Cleaner
6 x 1L	T	N	N	Y	2	N	Cleaner
2 x 5L	C	N	N	Y	2	N	Cleaner
6 x 1L	C	N	N	Y	2	N	Cleaner
(4 x 150ml) x 10	C	N	Y	N	2 per 4 bottles	N	Cleaner

Contec® cleaning and disinfecting products are available throughout the world. Sales and technical support representatives are conveniently located across Europe, Asia, and North and South America. Visit our website to find a representative in your area and to learn more about our products for critical environments.

Presaturated Wipes
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Sterile Products
Sponges
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