

Rely+OnTM PeraSafeTM

High Level Disinfectant for
use with Medical Devices



- Outstanding biocidal action
- Optimised corrosion inhibitor system
- Suitable for the disinfection of endoscopes, ultra-sound probes and other reusable, heat sensitive medical devices
- Good environmental and operator safety profiles



Rely+On™ PeraSafe™

Specifically developed to offer rapid broad spectrum decontamination against viruses, mycobacteria, bacteria, yeasts and bacterial spores. Rely+On™ PeraSafe™, with its optimised corrosion inhibitor system and near neutral pH, is a suitable solution for endoscope, ultra-sound probe and other reusable, heat sensitive medical device disinfection.

Biocidal Efficacy

Rely+On™ PeraSafe™ powder generates peracetic acid *in-situ* when dissolved in water. The neutral pH solution combines the biocidal efficacy of peracetic acid with excellent materials compatibility to allow repeated, rapid decontamination of pathogenic micro-organisms from heat labile, reusable medical devices and instruments.

Proven Broad Spectrum Efficacy

Independently proven highly effective against viruses, mycobacteria, bacteria and bacterial spores, Rely+On™ PeraSafe™ provides rapid broad spectrum decontamination against disease-causing pathogens of concern to human health, such as, HIV, Hepatitis B & C, Mycobacteria (Tuberculosis), Pseudomonas aeruginosa, Clostridium difficile, MRSA and Candida albicans.

Rely+On™ PeraSafe™ has been independently evaluated by various global reference testing laboratories.

In 10 minutes or less, Rely+On™ PeraSafe™ is shown to be fully effective against many key medical pathogen types, including Mycobacterium sp. and Clostridium difficile (spores). These results clearly demonstrate Rely+On™ PeraSafe™'s rapid biocidal action and suitability for use in medical device disinfection.

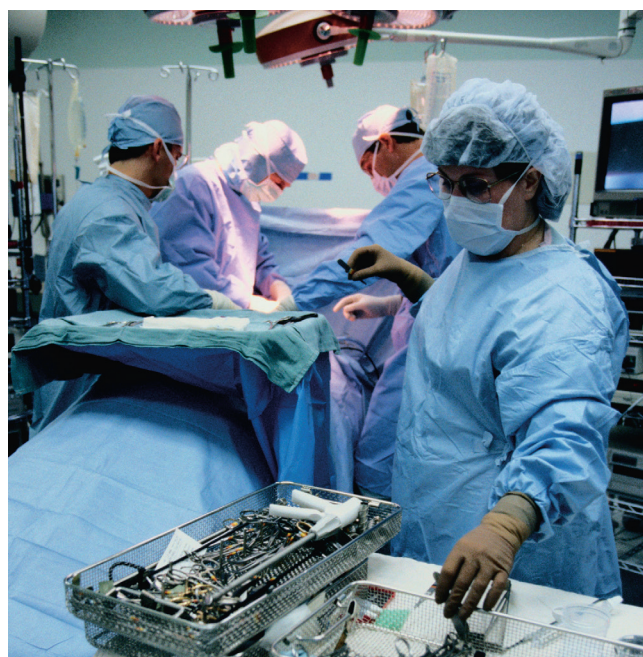
Medical Device Compatibility

Rely+On™ PeraSafe™ is compatible with rigid and flexible endoscopes, catheters, transducers and other thermolabile instruments and equipment.*
An optimised corrosion inhibitor system, allied to a neutral pH solution, optimises efficacy and compatibility.



Certification

Rely+On™ PeraSafe™ complies with the Medical Devices Directive* as assessed by BSI Netherlands (Notified Body No. 2797) (CE Certificate No. 01455).



* Contact Antec International Ltd for further details.

Operator Safety

Rely+On™ PeraSafe™ is not classified as a sensitiser in both the powdered form, and the in-use dilutions.

Environmental Profile

Rely+On™ PeraSafe™ has been formulated to include ingredients that have been carefully selected for their ability to degrade naturally within the environment.

Lifespan of Disinfectant Solution

Solutions of Rely+On PeraSafe can be used for up to 20 immersions or 12 hours (when stored between 15-25°C). Unused or inactive solutions may be disposed of via the normal waste water discharge channels*.

Rely+On™ PeraSafe™ is available in the following presentations:

Pack Size	Volume of disinfectant solution
16.2 gram (sachet)	1 litre
81 gram (bottle)	5 litres
162 gram (bottle)	10 litres
810 gram (bottle)	50 litres

* Always check and observe the local site requirements concerning the disposal of solutions entering waste water treatment facilities. Operatives should always further check that the quantity of powder to be added is appropriate to the volume of water used - always refer to the instructions in the product instruction for use leaflet.



Easy to Prepare



Step 1

Fill a container with the appropriate volume of lukewarm tap water (30-35°C).



Step 2

Prepare the solution by adding 81 grams of Rely+On™ PeraSafe™ powder to every 5 litres of water.



Step 3

Stir until the powder dissolves to form a blue solution. Then leave for 15 minutes to allow the disinfectant solution to fully activate.

The tables below summarise independent efficacy data of Rely+On™ PeraSafe™ against the important disease-causing organisms of concern for disinfection of medical instruments.

Virucidal Efficacy

Organism	Strain	Test Protocol	Contact Time	Log Reduction
Adenovirus	Type 5	EN 14476	5 minutes	>4 log
Hepatitis B	DHBV strain	EN 14476	10 minutes	>4 log
Hepatitis C	BVD surrogate strain	EN 14476	10 minutes	>4 log
HIV	HTLV-IIIIB	USA EPA 40 part 158	5 minutes	>4 log
Poliovirus	Type 1	EN 14476	5 minutes	>4 log
Murine norovirus	s99	EN 14476	10 minutes	>4 log

Mycobactericidal Efficacy

Organism	Strain	Test Protocol	Contact Time	Log Reduction
Mycobacterium terrae	ATCC 15769	EN 14563	10 minutes	>4 log
Mycobacterium avium	ATCC 15755	EN 14563	10 minutes	>4 log
Mycobacterium terrae	NCTC 10856	EN 14348	10 minutes	>5 log

Bactericidal Efficacy

Organism	Strain	Test Protocol	Contact Time	Log Reduction
Campylobacter jejuni	Wild strain	EN 1276	5 minutes	>5 log
Escherichia coli	NCTC 12900	EN 1276	5 minutes	>5 log
Enterococcus hirae	NCTC 12367	EN 13727	10 minutes	>5 log
Enterococcus hirae	ATCC 10541	EN 14561	10 minutes	>5 log
Klebsiella aerogenes	NCTC 9528	EN 1276	5 minutes	>5 log
Staphylococcus aureus	MRSA NCTC 12493	EN 1276	5 minutes	>5 log
Staphylococcus aureus	EMRSA type 15	EN 1276	5 minutes	>5 log
Staphylococcus aureus	NCTC 10788	EN 13727	10 minutes	>5 log
Staphylococcus aureus	ATCC 6538	EN 14561	10 minutes	>5 log
Salmonella typhimurium	Phage type 104	EN 1276	5 minutes	>5 log
Pseudomonas aeruginosa	NCTC 6749	Endoscope in-use trial	4 minutes	>7 log
Pseudomonas aeruginosa	NCTC 6749	EN 13727	10 minutes	>5 log
Pseudomonas aeruginosa	ATCC 15442	EN 14561	10 minutes	>5 log

Bactericidal Spore Efficacy

Organism	Strain	Test Protocol	Contact Time	Log Reduction
Bacillus subtilis var niger (spores)	NCTC 10073	EN 13704 (modified)	5 minutes	>4 log
Clostridium difficile	Stool isolate	Surface	10 minutes	>6 log

Yeasticidal Efficacy

Organism/Disease	Strain	Test Protocol	Contact Time	Log Reduction
Candida albicans	ATCC 10231	EN 13624	10 minutes	>4 log
Candida albicans	ATCC 10231	EN 13624	60 minutes*	>4 log
Candida albicans	ATCC 10231	EN 14562	30 minutes	>4 log

Full copies of the independent test data summarised above are available upon request from Lanxess.



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