QUALITY COMBATS.

Rely+On® Medero®

Hard Surface & Medical Device High Level Disinfectant

Rely+On®
Medero®

QUALITY WORKS.

LANXESS
Energizing Chemistry

Rely+On® Medero®
YOUR MEDICAL HERO AGAINST HARD-TO-KILL PATHOGENS

Rely+On® Medero®

Key Characteristics

- Dual approval: MDR Class IIa. + BPR PT2
- Virucidal, bactericidal, tuberculocidal, mycobactericidal, sporicidal (C. difficile), yeasticidal & fungicidal
- Based on active oxygen (Oxone™) – Effective against resistant strains
- Does not induce acquired resistance on bacteria and yeast (MRSE, VRE)
- Low odour in use – can be used in occupied patient areas
- Effective against biofilm (Ps. aeruginosa, S. aureus) at 2% / 5 min
- Unit dose sachets available (20 g & 40 g) – no weighing required

Why Active Oxygen?

Rely+On® Medero® uses Oxone™ active oxygen chemistry, acting through non-specific oxidative attack on microbial cell membranes, proteins and DNA. No single target site, hindering the development of resistance (MRSE, VRE) through standard mutation pathways – unlike QAC-based products. Low odour in use, making it a good option for daily use in occupied clinical environments. The active ingredient has a half-life of 0.844 hr (DT50, sludge, 12°C), reducing environmental persistence.

Areas of Application

- Hospital Wards & ICU
- Operating Theatres
- Isolation Rooms (incl. C. difficile)
- In-patient Settings
- Dental Laboratories
- Non-invasive Medical Devices
- Other Medical Facilities
- Non-medical Lab Equipment (immersion)

Directions for Use

Preparation: Add powder to water, mix thoroughly. Unit dose sachets need no weighing. Use glass or HDPE containers only. Do not allow water ingress into packs.

Surfaces: Apply with dry wipe or hand-spray. Pre-clean visibly soiled surfaces before disinfecting.

Immersion: Pre-rinse items to remove gross soiling. Immerse fully. After contact time, rinse with potable water and dry.

Stability: 24 h from preparation (12 h for fungicidal use).

Composition

Active ingredient: Trihydrogen pentapotassium di(peroxomonosulfate) di(sulfate) – 49.7% (Oxone™, LANXESS) - (KMPS) + Active chlorine generated in-situ.

Table 1: Chemical-Physical Data

Appearance	White granular powder
Active ingredient	49.7% KMPS (Oxone™) + active chlorine generated in-situ
pH (use solution)	2.5 at 1% solution
Storage*	Keep away from direct sunlight and high humidity

*Please check IFU for further details or contact your LANXESS representative.

This document contains important information and must be read in its entirety.

Table 2: Microbiological Efficacy

Efficacy	Testing Standard	Concentration	Contact Time
Bactericidal	EN 13727 EN 16615 / EN 13624	0.5% 2.0%	5 min 5 min
Virucidal (full spectrum)	EN 14476 / EN 16777 / EN 17111	0.5%	5 min
Tuberculocidal / Mycobactericidal	EN 14563 / EN 14348	3%	30 min
Sporicidal – C. difficile	EN 17126 EN 17846	2% 2%	15 min 15 min
Sporicidal activity (full spectrum)	EN 17126	2%	60 min
Yeasticidal	EN 16615 EN 13624 EN 17387	2% 2% 3%	5 min 15 min 60 min
Fungicidal	EN 13624 EN 17387	4% 4%	60 min 120 min
Biofilm (Ps. aeruginosa, S. aureus)	Laboratory developed test	2%	5 min

Testing per MDR and BPR regulations (EN standards). Contact LANXESS for further information
▽ = Recommended routine concentration.

Table 3: Dosing Table

Volume	0.5%	1.0%	2.0% ▼	4.0%
1 litre	5 g	10 g	20 g	40 g
2 litre	10 g	20 g	40 g	80 g
4 litre	20 g	40 g	80 g	160 g
8 litre	40 g	80 g	160 g	320 g
12 litre	60 g	120 g	240 g	480 g

Table 4: Packaging & Ordering

Packaging	Format	Shelf Life
Rely+On® Medero® 5 kg resealable drum	Single	2 years
Rely+On® Medero® 1 kg resealable drums	4 / Carton	2 years
Rely+On® Medero® 40 g unit dose sachets	50 / Carton	2 years
Rely+On® Medero® 20 g unit dose sachets	50 / Carton	2 years

UN approved. Scoops included in 1kg & 5kg drums are intended for transfer only, not for measurement.

Table 5: Material Compatibility

PMMA, PP, PVC, ABS, Vinyl, MFC, Painted timber, SGL, Neoprene Rubber, Aluminium (6081 Grade), Aniodised Aluminium (6063 TG Grade), HDPE, PET
For other surfaces, please contact LANXESS

*Please check IFU for further details or contact your LANXESS representative.

Hazard Classification

H315, H318, H412

Always use eye protection. Ensure adequate ventilation. Respiratory protection may be required during spraying.

Precautions & Storage

- Store at ≤25°C, ≤60% RH in original container
- 20 g & 40 g sachets are single-use – do not reseal
- Use dry scoops only – prevent water ingress into packs

Regulatory Status

- MDR (EU) 2017/745 – Medical Device Class IIa
- Biocide PT2 – Subject to the national registration

Approved uses may vary by country. Contact LANXESS to verify.

Expert Assistance

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Disclaimer

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Regulatory Compliance Information: Some of the end uses of the products described in this publication must comply with applicable regulations, such as the FIFRA Regulations and EU BPR 528/2012. If you have any questions on the regulatory status of these products, contact – for business in the USA - the LANXESS Corporation Regulatory Affairs and Product Safety Department in Pittsburgh, PA, USA or for business outside US the Regulatory Affairs and Product Safety Department of LANXESS Deutschland GmbH in Germany. Any statement or recommendation not contained in above information is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent.

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Use biocides safely. Always read the label and product information before use.

The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information.

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