

# peracide™

visibly better

PERACETIC ACID IN SITU

Sporicidal disinfectant that kills C. diff spores  
as little as 15 seconds



# Introduction

## What's Peracide™



Peracide™ is an In Situ Peracetic Acid (ISPAA) based disinfectant and cleaner with a unique colour changing system. It comes in an easy-to-use tablet formulation and is proven to be highly efficacious with short contact times, including against *C. difficile* spores in 15 seconds at 4000ppm, and Coronavirus in 30 seconds at 1000ppm. Peracide™ has over 70 EN accredited tests.

Healthcare Associated Infections (HCAIs) are one of the most prominent issues in infection control today and proper cleaning and disinfection is a key contributor to the solution. Peracide™ offers a thoroughly tested, safe, efficacious, and more user-friendly alternative to the traditional disinfectants that are currently in use, such as hypochlorites, NaDCC, Quaternary Ammonium Compounds (QACs), and chlorine dioxide. It also has excellent cleaning properties, providing an all-in-one solution.

### Peracide™ can be used on:

- Hard surfaces
- Soft surfaces
- Carpets and all flooring types
- Mattresses and bed frames
- Commodes
- Laundry
- Medical surfaces
- Washrooms
- Kitchens
- and More!



95% of nurses/healthcare assistants participating believe that Peracide™ was very easy to prepare, easy to use and easy to dispose of

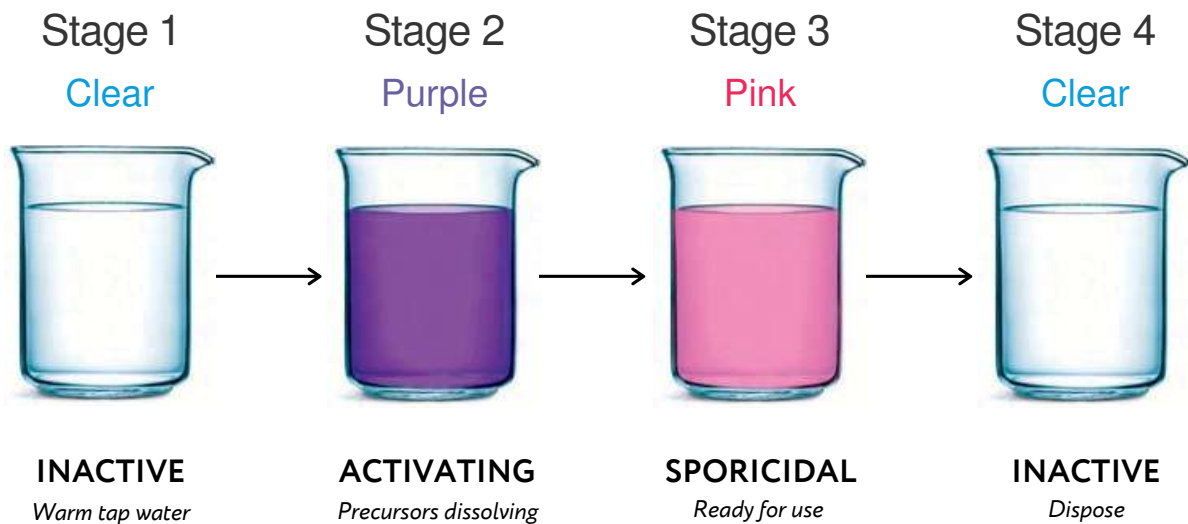


91% of nurses/healthcare assistants participating agree that Peracide™ cleaned well and smelled neutral to clean

NHS Trust trials feedback from end users, 2023

# Visibly Better

## Colour Activation Technology



Ensuring disinfectants are used at the correct dosage is paramount to the effective result of killing pathogens. To reinforce this, we have implemented simple and clear dilution instructions which, combined with a tablet formulation that reduces the risk of spillage or mismeasurement, allows a high level of accuracy and consistency to be easily met.

Peracide™ contains a patented colour activation system designed to show the user the readiness of the Peracide working solution.

The solution goes through 4 stages, with associated colour changes. Initially beginning as **clear** tap water, adding the tablet causes it to turn **purple**, indicating that peracetic acid (PAA) is forming. Once reaction is complete, the solution will turn **pink**, indicating that it is ready to use. The solution will remain efficacious for healthcare use, while the colour fades to **clear**. Once the pink colour is no longer visible, the solution is ready to be disposed of.



**Peracide™**  
**Cleans, disinfects**  
**and deodourises in 1**



# HCAI Control & Efficacy



HCAIs are an ever-increasing concern within healthcare institutions, and many conventional disinfectants may allow the microorganisms responsible to develop a resistance to the product.

The mechanism of action of Peracide™ is to oxidise. Oxidation is defined as the loss of electrons from a molecule. This means that when in contact with any range of biological targets, Peracide™ will catalytically break down proteins, lyse cell walls, and denature any remaining cellular residues in as little as 15 seconds. This allows it to break down all parts of the cell, meaning there is no single method of defence that can develop to provide resistance to Peracide™.

As such, Peracide™ is the ideal disinfection candidate for any healthcare environment, where Infection Prevention and Control (IPC) is of high priority.

## Efficacy

Peracide™ has passed over 70 EN tests, including:

Modified EN 13704	(Clostridium difficile spores), at 15 seconds contact time, with a log >7 reduction
EN 13697	(Candida albicans, Escherichia coli, Staphylococcus aureus, etc.), in 5 minutes with log >5 reduction
EN 14476 A2:2019	(Coronavirus), at 30 seconds contact time, with a log >4 reduction
EN 13623:2010	(Legionella pneumophila), at 800ppm, with a log >4 reduction
EN 14476:2013+A1:2015	(Norovirus) in 5 minutes with a log >5 reduction

As a part of our service in introducing Peracide, we'll write an advisory report for your trust, using the National Standards of Healthcare Cleanliness, and the National infection prevention and control manual from NHS England, along with independent literature to support our recommendations.

## Formulated with care for the user and environment

Peracide™ is formulated to have healthcare level efficacy in its use and has a colour changing system to monitor it. This encourages Good Practice and ensures the user gets the best out of Peracide™.



Many other products will produce toxic and unpleasant fumes as they degrade, but Peracide produces no harmful gasses and, due to the nature of peracetic acid, breaks down into non-toxic products (O<sub>2</sub>, water, and acetic acid). As such, it can be easily and safely disposed of after use, with no adverse environmental effects. Unlike chlorine-based and QAC- based disinfectants, Peracide does not bioaccumulate.

Additionally, when compared to bulky pre-made liquid formulas, Peracide's in-situ, tablet-based formula is more environmentally friendly and cost effective to transport and store. 1 tub will make 100L of active solution at 1000ppm, reducing storage space by 98%.

## Client Experience

Peracide™ has been developed with a commitment to an unmatched user experience in mind. The ISPAA tablet formula is simple to use and will be familiar to anyone who has used chlorine tablets in the past. As such, training is easy and can be administered using any of our comprehensive training documentation, including training videos, physical manuals as well as digital manuals, all of which can be provided in any format required. Additionally, all our packaging includes fully detailed usage instructions, with easy-to-follow diagrams.

### Our service includes:



Advisory Report



Trial of Peracide™



Business Case Writing



Roll-out Training



# Key features



## ISPAA

In-Situ Peracetic Acid

## Detergent

Cleaner, Disinfectant & Deodouriser

## Colour Activation Technology

4 stage system

## Corrosion Inhibitors

## Near Neutral pH

C. diff spores

EN 13704

E. Coli

EN 13697

Candida albicans

EN 13697

Staphylococcus aureus

EN 13697

Coronavirus

EN 14476

Legionella pneumophila

EN 13623

Norovirus

EN 14476

Over 70 EN, BS EN, ASTM, and DEFRA test reports

## Oxidation Potential

Peracide has the highest oxidation potential compared to: NaDCC, Chlorine dioxide and Hydrogen peroxide

## Ease of use

The colour activation technology shows the user when Peracide is at its highest efficacy and when to dispose of

## Range of use

Peracide can be used on a wide range of hard and soft surfaces. From top to bottom, walls to fabric furniture

## Formulation

As a tablet formulation, Peracide saves on costs for transport and storage, and reduces the risk of user error

## Cost

Great value for money in both the short and long term, as it is a single product that can clean, disinfect, and deodorise

## Use in soiled environment

Peracide performs excellently in both clean and soiled environments, making it ideal for 1-step cleaning



NHS Trust trial



Technical Support



Responsive R&D

# Sign up for a NHS Trial now

Thank you for showing interest in Peracide. To ensure the trial runs as smoothly as possible, please complete the following form. Our proposed details are below. Please send completed form to [info@skychemicals.co.uk](mailto:info@skychemicals.co.uk)

Name of establishment	
Department for trial	
Commencement of trial	
Conclusion of trial	
Decision to be made by	
Address	
Delivery address	
Contact number	Contact name
Size of area (approx. in m <sup>2</sup> )	
Number of beds	
Number of staff	
Name of supervisor	
Current product	
Intended Peracide concentration(s)	
Training required	Yes/No, number of staff to attend etc.
Preparation area	EG. Nearest sluice room
Promotional material required	Yes/No, description of what is needed etc.
Health and safety requirements	EG. Training, SDS, physical dilution guides, first aid sheets etc.






Any enquiries please feel free to call us on 0114 278 0222 or email to [info@skychemicals.co.uk](mailto:info@skychemicals.co.uk)

# peracide™






visibly better

PERACETIC ACID IN SITU

## Acute Healthcare use Peracide™ because it's...

-  **Effective against HCAs**  
 Proven to work against HCAI-causing microorganisms, including Clostridium difficile spores, Coronavirus, Legionella pneumophila, Candida albicans, Pseudomonas aeruginosa, MRSA, Norovirus, Escherichia coli and many more.
-  **Over 70 EN Tested**  
 Peracide has more than 70 EN tests and can be used in clean or soiled conditions.
-  **Colour Activation Technology**  
 Patented colour- changing formula
-  **Eco-Friendly & User-Friendly**  
 Environmentally safe and easy to dispose of. No poisonous fumes or vapours, safe to use.
-  **Outstanding Performance**  
 ISPPA performs consistently better in comparison to other widely-used disinfectants

## Community, Mental Health & Social Care use Peracide™ because:

-  **Multipurpose 3-in-1 Disinfectant**  
 Cleans, disinfects, and deodourises in one operation. It replaces multiple products with Peracide.
-  **Leaves homes smelling fresh**  
 Apple fragrance neutralises odours
-  **Wide range of use**  
 Can use on both hard and soft surfaces. Suitable for use on soft furnishings, carpets, mattresses and many more.
-  **Safe for use on patient mobility and shared equipment**
-  **Does not produce toxic fumes**



T: 0114 278 0222

E: info@skychemicals.co.uk



Peracide.co.uk



Skychemicals.co.uk



Cleaning Supplies, Equipment and Associated Products Framework  
 In partnership with NHS Supply Chain

### NHS Supply Chain Product Code

Peracide 3g (3gx 200)	MFB1002
Peracide 6g (6gx 100)	MFB1005
Peracide 500ml Dilution Bottles	MFB1008
Peracide 3L Jerricans	MFB1004
Peracide Drain Disinfectants	MFB999

Peracide™ Brought to you by Sky Chemicals (UK) Ltd

Unit 12, Sheffield Design Studios, 40 Ball Street, Sheffield, S3 8DB

Registered in England and Wales No: 07209524 VAT: 991 189 184