



Simple solutions for  
cleaning and disinfection



Vernacare

## Reducing Risk. Enhancing Dignity.

Transforming the standards of practice within healthcare environments across the globe through manufacturing excellence.

Vernacare have revolutionised the experience of healthcare professionals, patients and residents for over 50 years. Encompassing an international network of partners, Vernacare delivers its values through the innovation of market leading hygiene & surgical solutions that prevent infection and create a safer future.

### Our Products

We develop and manufacture a number of market leading brands across our Hygiene Solutions and Surgical Solutions portfolios, including our Azo™ surface cleaning and disinfecting range.

## Azo™ Cleaning & Disinfection Solutions

As an established brand within healthcare and scientific professional services for over 35 years, Azo™ encompasses a full product portfolio which can be tailored for general purpose to specialist cleaning and disinfecting; including medical areas.

The Azo™ range is extensively used in hospitals, nursing homes, pharmacies, laboratories, dental and GP surgeries to help reduce contamination and the risk of infection.



### Primary and Community Care

Good infection prevention and control practices are essential within health and social care services to minimise the risk to patients and residents acquiring healthcare associated infections (HAIs).



### Scientific Professional Services

The reduction of pathogens is critical for reducing cross contamination, preparing work areas and removing residue.



### Industry and Hospitality

Cleaning and disinfection within industry and hospitality sectors ensures a high level of cleanliness and hygienic standards.

Our Azo™ cleaning and disinfection wipes and spray have been specifically developed to deliver high efficacy at quick contact times across a broad spectrum of pathogens including Norovirus and Coronavirus.

## Why Use Wipes?

Using wipes over traditional cleaning methods offers four key benefits :

1.



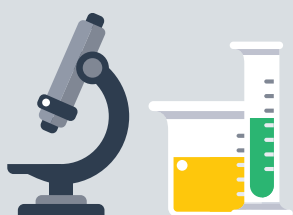
Wipes are impregnated with a specific level of liquid, meaning they deliver the right amount of active ingredient to kill the target pathogens and avoid any user-error with dilution.

2.



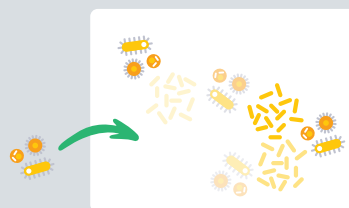
Conveniently pre-packed wipes are available at the point-of-use, saving time and reducing the risk of cross-contamination.

3.



Materials and formulations are designed to work in harmony, ensuring an effective dose of active formulation is delivered to the surface.

4.



Wipes help physically remove pathogens and bioburden from surfaces prior to disposal, unlike re-usable cloths which may transfer micro-organisms from surface to surface.

## Proven Quality and Efficacy

Azo™ cleaning and disinfection wipes have been developed to be effective against harmful pathogens commonly found within healthcare, science and hospitality sectors.

Azo™ products are tested to the latest European norms under EN14885 standard at independent accredited labs, and cover, where applicable, all the required EN tests including EN13727, EN13697, EN1276, EN14561, EN13697, EN13624, EN14476, EN13704.

Azo™ products are also tested to the new 'four field' EN16615

standard, which simulates the mechanical action of the wipe and confirms the compatibility between the chemical active in the solution and the wipe material.

Where applicable, Azo™ wipes and sprays are fully compliant with medical device directive 93/42/EEC (class IIa medical device **CE** mark) as well as being fully compliant with the Biocidal product regulation 528/2012.

# The Azo™ Range



## **Azo™ Universal**

Delivers two-in-one surface cleaning and disinfection of surfaces and non-invasive medical devices, effective against a range of pathogens, including Coronavirus and Norovirus.



## **AzoWipe® 70% IPA**

70% Isopropanol alcohol provides convenient, effective and rapid disinfection of surfaces, tested to EN14485 standards and approved under the Biocidal Products Regulation (BPR).

## **Did You Know?**

Study finds there are over 93 contact episodes per hour between patients, staff and visitors, demonstrating the potential for cross-infection.<sup>1</sup>

# How To Use Each Product:

Good cleaning and disinfection practices will help ensure the risk of cross-contamination is reduced and that maximum product efficacy levels are achieved. See below guide to using AZO™ wipes and sprays:

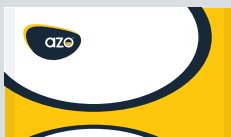
1.



Observe and select correct PPE and product for specific requirement.

2.

If using an Azo™ wipe, remove wipe from packaging and ensure the pack is resealed to avoid wipes drying out.

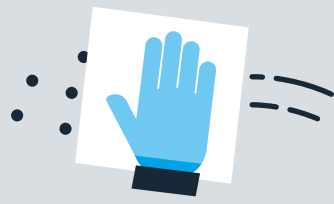


3.



If using an Azo™ spray, apply directly to the surface and wipe with a clean cloth.

4.



Wipe over the surface working from clean to dirty. Do not go over the same area twice with the same wipe.

5.

Ensure surface remains wet for target contact time.



6.



Once used, discard appropriately. Only clearly labelled wipes can be disposed of in a macerator or flushed down the toilet.

## Surface Compatibility

Azo™ wipes and sprays are compatible with most non-porous surfaces and equipment found in healthcare, scientific and hospitality sectors.

For sensitive equipment or uncommon surfaces, we would recommend contacting the manufacturer of these materials for guidance.

### Did You Know?

Research has found that 81% of consumers claim that regular cleaning of high-traffic surfaces would make them feel more comfortable visiting shared areas amid the coronavirus outbreak.<sup>2</sup>

# Universal Wipes & Sprays



Azo™ Universal Wipes deliver two-in-one surface cleaning and disinfection of surfaces and non-invasive medical devices, effective against a range of pathogens, including Coronavirus and Norovirus.

The pre-impregnated wipes and sprays combines proven effective biocides with a powerful detergent to effectively clean and disinfect surfaces, reducing the presence of harmful pathogens.

- **Class IIa medical device compliant**

Azo™ Universal wipes are compliant to medical device directive 93/42/EEC, and are manufactured to ISO 13485 standards.

- **Rapid and effective against microorganisms**

Combines proven biocides with a powerful detergent to effectively clean and disinfect surfaces, effective against a range of pathogens.

- **Designed for professional use**

Suitable for use in a healthcare areas including hospital wards, operating theatres, community, GP and dental surgeries.

- **Convenient and easy to use**

Pre-saturated quality non-woven wipes available in different sizes and pack formats.

## Product Options



### Azo™ Universal

Surface cleaning and disinfection of non-invasive medical devices.

| Product Code | Wipe Size | Pack Qty | Case Qty | Format    |
|--------------|-----------|----------|----------|-----------|
| AM050WCE     | 295X220mm | 50       | 30       | Flow Wrap |
| AM200W       | 200x180mm | 200      | 12       | Canister  |

## Product Efficacy

| Standard       | Organism                                                                                                                                                                                                                                               | Contact Time |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| <b>Medical</b> |                                                                                                                                                                                                                                                        |              |
| EN 1276        | Enterococcus hirae, Escherichia coli, Klebsiella pneumoniae, Pseudomonas aeruginosa, Salmonella enterica ser. Typhimurium, Staphylococcus aureus, and Staphylococcus aureus (MR)                                                                       | 60 secs      |
| EN 13727       | Acinetobacter baumannii (MDR), Enterococcus faecalis, Enterococcus faecalis 51299, Enterococcus faecalis 51575, Enterococcus hirae, Escherichia coli, Klebsiella pneumoniae, Listeria monocytogenes, Pseudomonas aeruginosa and Staphylococcus aureus. | 30 secs      |
| EN 13697       | Escherichia coli, Pseudomonas aeruginosa                                                                                                                                                                                                               | 60 secs      |
| EN 16615       | Staphylococcus aureus, Enterococcus hirae, pseudomonas aeruginosa                                                                                                                                                                                      | 5 mins       |
| EN 16615       | Candida albicans                                                                                                                                                                                                                                       | 60 secs      |
| EN 13624       | Candida albicans                                                                                                                                                                                                                                       | 5 mins       |
| EN 14476       | Feline coronavirus                                                                                                                                                                                                                                     | 60 secs      |
| EN 14476       | Adenovirus type 5                                                                                                                                                                                                                                      | 5 mins       |
| EN 14476       | Murine Norovirus (strain S99 Berlin)                                                                                                                                                                                                                   | 5 mins       |



# 70% IPA Wipes & Sprays



70% Isopropanol alcohol provides for convenient, effective and rapid disinfection of hard surfaces and equipment.

Azo™ 70% IPA combined with an effective non-woven substrate creates a powerful disinfectant with fast kill rates, offering high bactericidal, virucidal, fungicidal and yeasticidal efficacy.



## Product Options



### Azowipe®

Standard wipe size for use on surfaces and equipment.

| Product Code | Wipe Size | Pack Qty | Case Qty | Format   |
|--------------|-----------|----------|----------|----------|
| 81103        | 200x200mm | 200      | 12       | Canister |

- Quick drying no residue formulation

70% v/v IPA blended with 0.2 micron deionised water with no additives or impurities, leaving no residue, allowing the disinfected area or equipment to be used shortly after application.

- Kills key micro-organisms quickly

Effective against MRSA, E.coli, Pseudomonas aeruginosa, Candida albicans, Coronavirus.

- BPR compliant

Azo™ 70% IPA wipes and sprays are compliant to biocidal product regulation 528/2012, and are manufactured to ISO 13485 and ISO 9001 Standards.

- Designed for professional use

Suitable for use in a number of areas including laboratories, hospitality, hospital, operating theatres, GP and dental surgeries.

## Product Efficacy

| Standard               | Organism                                                                                                                                                                       | Contact Time |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| <b>Medical</b>         |                                                                                                                                                                                |              |
| ASTM E1052             | Duck Hepatitis Virus (HEP B surrogate)                                                                                                                                         | 15 secs      |
| EN 13624:2013          | Candida albicans                                                                                                                                                               | 15 secs      |
| EN 13697:2015          | Pseudomonas aeruginosa, Escherichia coli, Staphylococcus aureus, Enterococcus hirae                                                                                            | 1 min        |
| EN 13727:2012          | Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae, Acinetobacter baumannii, Klebsiella pneumoniae, Vancomycin Resistant Enterococcus (VRE), MRSA               | 15 secs      |
| EN 14348:2005          | Mycobacterium terrae                                                                                                                                                           | 1 min        |
| EN 14476:2013          | Murine norovirus                                                                                                                                                               | 1 min        |
| EN 14476:2013          | Bovine viral diarrhoea virus (Hep C surrogate), Vaccinia virus (HIV), Feline coronavirus (MERS Coronavirus), Influenza A H1N1                                                  | 15 secs      |
| EN 14561:2006          | Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae                                                                                                              | 1 min        |
| EN 14562:2006          | Candida albicans, Aspergillus brasiliensis                                                                                                                                     | 1 min        |
| EN 16615:2015          | Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae, Candida albicans                                                                                            | 1 min        |
| <b>General Purpose</b> |                                                                                                                                                                                |              |
| EN 1650 2008           | Candida albicans ATCC 10231                                                                                                                                                    | 15 secs      |
| EN 1276 2009           | Legionella pneumophila, Campylobacter jejuni, Listeria monocytogenes, Salmonella enterica, Pseudomonas aeruginosa, Escherichia coli, Staphylococcus aureus, Enterococcus hirae | 15 secs      |

# Where To Use Each Product:

|                                                                                                                                                                                                                                                                     | Azo™<br>Universal | AzoWipe® 70%<br>IPA biocide |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------|
| <b>Primary and community care</b>                                                                                                                                                                                                                                   |                   |                             |
| Hospitals, care homes, residential units, GP practices, dental practices, opticians                                                                                                                                                                                 | ✓                 | ✓                           |
| For use on equipment/surfaces such as; mattresses, bedframes, commodes, table tops, chairs, wheelchairs, hoists, trolleys, door handles, light switches, curing lamps, spittoons, hand controls, telephones, keyboards                                              | ✓                 |                             |
| For use on equipment/surfaces such as; stainless steel worktops and benches, thermometers, stethoscopes, medication preparation areas, drug trays, clinical trolleys, otoscopes, blood pressure cuffs, manual ventilation bags, CPR manikins, ventilators, scissors | ✓                 | ✓                           |
| For use on equipment/surfaces of general non-invasive class IIa medical devices                                                                                                                                                                                     | ✓                 |                             |
| <b>Scientific professional services</b>                                                                                                                                                                                                                             |                   |                             |
| Laboratory and cleanrooms                                                                                                                                                                                                                                           |                   | ✓                           |
| For use on equipment/surfaces such as; stainless steel worktops and benches, Trespa work surfaces, PVC surfaces, non sensitive equipment                                                                                                                            | ✓                 | ✓                           |
| <b>Industry and hospitality</b>                                                                                                                                                                                                                                     |                   |                             |
| For use on equipment/surfaces such as; table tops, chairs, work surfaces                                                                                                                                                                                            | ✓                 |                             |
| For use on equipment/surfaces such as; hard non-porous surfaces including stainless steel work tops, PVC surfaces and Perspex                                                                                                                                       | ✓                 |                             |

## Disposal Guidelines

Azo™ products should be disposed of according to local state and national legislation, and should adhere to user practice guidelines.

Where possible, outer packaging should be recycled. Please refer to the table below for recycling guidance.



Standard wipes should be disposed of in either general or clinical waste.



Flushable and macerator friendly wipes are produced from sustainable sources and can be disposed of in a macerator or flushed down a standard toilet system.

References:

1. Otter, J.A. et al (2016) Transmission of SARS and MERS coronaviruses and influenza virus in healthcare settings: the possible role of dry surface contamination. Journal of Hospital Infection. 92 235e250
2. Sansoni, B. (2020) Where, When and How: Snapshots of Consumers' Use of Wipes. World of Wipes Conference, August 2020, Minneapolis, USA

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