

**azo**<sup>TM</sup>

**Simple solutions for  
cleaning and disinfection**



**Vernacare**

# Azo™ Cleaning & Disinfection Solutions

## 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.

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?

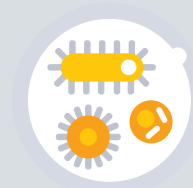
Using wipes over traditional cleaning methods offers four key benefits :

1.



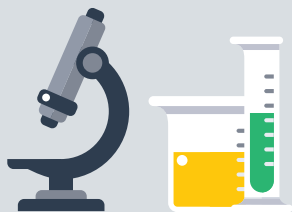
Wipes are impregnated with a specific level of liquid, meaning they deliver the right amount of active ingredient to kill the target pathogens and avoid any user-error with dilution.

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).



## AzoWipe® 70% IPA (Medical)

70% Isopropanol alcohol provides convenient, effective and rapid disinfection of surfaces of non-invasive medical devices and equipment; tested to EN14485 standards and CE marked.



## Azo™ Detergent

Convenient multi-surface wipes suitable for routine cleaning and damp dusting in a number of environments. Flushable and maceratable options available.



## 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:

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1. Observe and select correct PPE and product for specific requirement.
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2. If using an Azo™ wipe, remove wipe from packaging and ensure the pack is resealed to avoid wipes drying out.
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3. If using an Azo™ spray, apply directly to the surface and wipe with a clean cloth.
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4. Wipe over the surface working from clean to dirty. Do not go over the same area twice with the same wipe.
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5. Ensure surface remains wet for target contact time.
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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
AM050W	330x220mm	50	20	Flow Wrap
AM050WCE	295x220mm	50	30	Flow Wrap <b>CE</b>
AM200W	200x180mm	200	12	Canister
AM100WCE	180x130mm	100	12	Canister <b>CE</b>
AM200WCE	200x180mm	200	12	Canister <b>CE</b>
AM200NWCE	180x178mm	200	12	Canister <b>CE</b>
AM200RCE	200x200mm	200	21	Refill



### Azo™ Universal Spray

Surface cleaning and disinfection of non-invasive medical devices.

Product Code	Bottle Size	Pack Qty	Case Qty	Format
AM500S	500ml	N/A	12	Spray
AM500SCE	500ml	N/A	12	Spray <b>CE</b>

## 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.



- 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 Options



### Azo™ Wipette

Ideal for use on smaller surface areas and equipment.

Product Code	Wipe Size	Pack Qty	Case Qty	Format
81104	130x180mm	100	12	Canister



### Azowipe®

Standard wipe size for use on surfaces and equipment.

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



### Azowipe® Economy

Volume pack size for use on surfaces and equipment.

Product Code	Wipe Size	Pack Qty	Case Qty	Format
AZ250W	180x200mm	250	12	Canister



### Azowipe® Sterile

Sterile double or triple bagged canister, suitable for use in cleanroom areas and laboratories.

Product Code	Wipe Size	Pack Qty	Case Qty	Format
81148 (double bag)	200x200mm	200	12	Canister
81160 (triple bag)	200x200mm	200	12	Canister



### Azo™ Spray

Spray suitable for use on larger areas for rapid and effective disinfection.

Product Code	Wipe Size	Pack Qty	Case Qty	Format
81120	N/A	500ml	12	Spray

## 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 jejunii, Listeria monocytogenes, Salmonella enterica, Pseudomonas aeruginosa, Escherichia coli, Staphylococcus aureus, Enterococcus hirae	15 secs

# 70% IPA Wipes (Medical)



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.

- 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, HIV, Hep B, Hep C and Norovirus.

- Class IIa medical device compliant

Azo™ 70% IPA wipes are compliant to directive 93/42/EEC and are manufactured to ISO 13485 and ISO 9001 standards.

## Product Options



### Azowipe® Equipment

Ideal for use on smaller non-invasive medical devices and equipment. €€

Product Code	Wipe Size	Pack Qty	Case Qty	Format
AZI00WNCE	130x180mm	100	12	Canister



### Azowipe® Equipment

Standard wipe size for use on non-invasive medical devices and equipment. €€

Product Code	Wipe Size	Pack Qty	Case Qty	Format
81138	200x200mm	200	12	Canister



### Azowipe® Equipment Economy

Volume pack size for use on non-invasive medical devices and equipment. €€

Product Code	Wipe Size	Pack Qty	Case Qty	Format
AZ250WCE	180x200mm	250	12	Canister

## 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 jejunii, Listeria monocytogenes, Salmonella enterica, Pseudomonas aeruginosa, Escherichia coli, Staphylococcus aureus, Enterococcus hirae	15 secs





# Detergent Wipes



Azo™ detergent wipes offer a convenient and effective alternative to traditional cleaning, specifically designed to remove dirt and organic matter from surfaces. Use as part of your routine cleaning procedure, or prior to disinfecting in a two step cleaning and disinfectant process.

- **Powerful detergent formula**

Low smear formulation makes routine cleaning and damp dusting quick and effective.

- **Convenient and easy to use**

Pre-saturated wipes available in different wipe substrates, sizes and resealable pack formats.

- **Alcohol and disinfectant free**

Unique formulation developed to be effective but gentle for everyday use, with no special PPE requirements.

- **High performance wipe substrates**

Specially developed wipe substrates, designed to visibly lift dust, dirt and organic matter from the surface.

- **Fresh scented fragrance**

Wipes are infused with a light citrus scent, leaving surfaces smelling fresh and clean.

- **Flushable and macerator friendly option**

EDANA approved option specifically developed to be flushable and macerator friendly.

## Product Options



### Standard

The ideal wipe for routine cleaning, offering great cleaning power at an affordable price.

Product Code	Wipe Size	Pack Qty	Case Qty	Format
AZD050W	295x220mm	50	35	Flow wrap



### Flushable and Macerator Friendly

Using natural plant-based fibres, this option is strong yet fully dispersible, making it biodegradable, safe to flush and macerate.

Product Code	Wipe Size	Pack Qty	Case Qty	Format
AZD050WF	240x220mm	50	20	Flow wrap



### Sustainable materials

Sourced from sustainable plant-based materials, Azo™ flushable and macerator friendly wipes are **100% plastic free**, and remove 99.9% of surface contamination without the need for disinfectants.



# Where To Use Each Product:

	Azo™ Universal	AzoWipe® 70% IPA biocide	AzoWipe® 70% IPA medical	Azo™ Detergent
<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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