

Nationwide Food
Manufacturing &
Distribution Cleaning
Specialists

genie **BIO+** Clean®



contact us for
more information on
0845 056 9085 24/7

or visit our web site
www.genie-bio-clean.co.uk

Eradicating up to 99.9999% of Hazardous Germs & Bacteria in food production areas

Welcome

to Genie BIO Clean

Genie BIO Clean Ltd is a subsidiary of Group Genie Ltd the parent company of our Clean Genie network, located in multiple sites across the UK.

Genie BIO Clean has been set up to specifically targeted cleaning sectors where antibacterial and pathogen elimination are a priority.

To achieve this we deploy traditional cleaning teams using high impact antibacterial chemicals. In many cases, this is sufficient to achieve an acceptable level of cleanliness within the production areas.

Sometimes, this is not enough... and within large volumetric areas like warehouse super structures and distribution centres, or particularly sensitive environments like food testing labs, the only viable solution is to supplement this with industrial fogging (see page 6).

Our marriage of traditional and tech-based cleaning solutions have allowed us to offer a unique service that has been successfully deployed into the following sectors.

- ✓ Food distribution
- ✓ Food production
- ✓ Bottling plants
- ✓ Warehousing
- ✓ Agriculture
- ✓ Farming
- ✓ Commercial kitchens
- ✓ Drinking water treatment
- ✓ Cooling tower water treatment
- ✓ Air-conditioning systems
- ✓ Hotel and catering
- ✓ Health and fitness
- ✓ Commercial offices
- ✓ Schools.

Our cleaning systems can also be used as a preventative maintenance solution every 3, 6 or 12 months, or as an emergency response to a specific disinfection problem, including COVID-19 infection control.

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Health & Safety

Getting it right from the start!

As with any large organisation, health and safety of its personnel and product is of paramount importance. However, within the Food production and distribution Industry... this takes on a whole new meaning.

When we approach any technical clean within this sector, our first task is to fully understand the clients cleaning requirements;

Consultation:

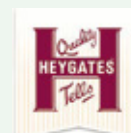
Gaining a complete understanding of the scope of works, timescales and client expectations.

Technical Method Statement; The how to... within this sector often requires “out of the box” thinking! We have spent years figuring how to accomplish seemingly impossible tasks within a very short timescale without endangering our teams, your personnel, your processing equipment or inventory.

Site Specific and audited RAMS; Our NEBOSH Health & Safety team will ensure that every conceivable box is ticked from the basics like PAT Testing, harness and access equipment inspections, LOLA and IPAF licenses but will also provide specific technical documentation on chemical disbursement and efficacy.

Results Monitoring; In order to evaluate our effectiveness, we undertake pre and post clean tests in numerous locations with an ATP Snap Test computer. This allows us to instantly monitor results without having to wait for traditional culture test reports that can take up to two weeks.

We are proud to have worked for some of the UK's largest clients and their subsidiaries in this sector...





How do you clean this 10 x 3.5 mtr cooler drum with virtually no access top or bottom within 6 hours?

Questions like these are posed to us often, we have to admit, that this stumped us for a while.

The solution is to deploy a 4 man abseiling team utilizing 4 x 12.5 m flexible steel fire ladders that can hook over the rim and support bars allowing us to distribute their weight evenly throughout the structure. From then on, its a relatively simple top down clean.

We have built Scaffold bridges over full sized swimming pools, that can be moved on castors, deployed large spider MEWPS within small chapels, jet-washed brickwork from MEWPS at 60 m and built scaffolding towers directly onto the moving equipment hoists so that we clean the roof structure.

There is always a safe solution!

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genie **BI+** **C**

It's complicated!

From a single piece of equipment requiring a 4 man team to the superstructure of a massive warehouse requiring 20 personnel and more to be completed in a week... we have the solution!

Every technical cleaning problem has a solution, we believe that throughout our nearly 15 years of operating experience we have seen most of them... but we thrive on new challenges.

One Off Deep Factory Cleans

Hi Access Internal Cleaning

External Cladding and Brick Jet-washing

Production Equipment Technical Cleans

Warehouse Racking Anti Bacteria cleans

Sky Window Panel Cleans (Inside & Out)

Warehouse Structure Clean

Toilet Block Deep Cleans

Office Carpet Cleans

Industrial Floor Strip & Seal

Hi Level Light Cleaning

Gutter Cleaning



Part of a 20 man team deployed for a technical clean on a new 2 floor bottling plant.

Fogging Benefits

of Genie BIO Clean

The Genie Bio Clean 2-point Cleaning System is a non-corrosive 3-point cleaning system that can treat any enclosed space.

Our combination of technical deep cleans followed by industrial fogging systems kills up to 99.9999% of disease-causing pathogens including COVID-19. Please see page 7 for a full list of tested pathogens.

The Genie Bio Clean system uses a combination of manual physical clean by trained operatives followed by an innovative patented and approved 2-point hydrogen peroxide-based cleaning solution. The ground breaking, fogging and electrostatic spraying devices provide proven and effective results against today's disinfection challenges. 99.9999% efficacy in under one minute without posing any risk to food, plants, humans or animals...

Fast

- ✓ Faster and better coverage on surfaces of all types
- ✓ A hospital ward can be completed in 3 – 4 hours
- ✓ No down time, quick and effective, no drying times required

Efficient

- ✓ One single application can successfully treat 1m³ – 20,000m³
- ✓ General 1 – 15 second kill rate on all types of pathogens
- ✓ The process can reduce chemical usage over standard cleaning processes by 90%

Flexible

- ✓ Room fogging is proven to be the most thorough method for treating all the exposed surfaces within a room
- ✓ Reaches surfaces that sprays & wipes can't; not just the primary or 'high-touch' surfaces but also every exposed surface within a room, which reduces the risk of cross-contamination associated with using a rag, wipe or sponge

Safe

- ✓ Safe to use around sensitive electronic equipment
- ✓ Patented disinfecting formulas
- ✓ Unscented, bleach and PAA free
- ✓ Non-allergenic
- ✓ Healthcare-grade, ready-to-use
- ✓ Proven to reduce infection rates
- ✓ Completely safe for the environment, animals, plants and humans

Effective

- ✓ Outperforms and is more stable than bleach
- ✓ Broad-spectrum efficacy
- ✓ Controls biofilm and bio-fouling
- ✓ Successfully used across a wide range of pH levels
- ✓ Maintains superior microbiological control
- ✓ No known microbiological resistance

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Genie **BIO+** Clean

List of tested pathogens up to now:

| | | | |
|---------------------------------------|---|--|--|
| COVID-19 | Clostridium sporogenes | Klebsiella oxytoca | Pseudomonas aeruginosa (Biofilm) |
| Acinetobacter Iwoffii | Coliformal germs | Klebsiella pneumoniae | Pseudomonas aeruginosa (with exposure) |
| Acinetobacter spec | Corneibacteria | Lactobacillus brevis | Pseudomonas fluorescens |
| Adenovirus human type | Cryptosporidium parvum | Lactobacillus sp | Pseudomonas spec |
| Adenovirus type 5 | Oozysten | Legionella pneumophila | Rhizopus |
| Aerobic/anaerobic germs, fungi | ECBO Bovines Enterovirus | Listeria monocytogenes | Saccharomyces carlsbergensis |
| Alternaria (Post Harvest Loss) | Enterobacter aerogenes | Listeria monocytogenes/inoqua | Saccharomyces cervisiae |
| Ameobae (Dauerform/Cyste) | Enterococcus Faecium (VRE, resistant) | Micrococci marine sp | Saccharomyces uvarum |
| Amoebae species | Enterococcus hirae | Micrococcus luteus | Salmonella enterica |
| Aspergillus niger | Enterococcus hirae (with exposure) | Moraxella spp | Salmonella spec |
| Aujestzky | Enterovirus polio | MRSA (Staphylococcus aureus) | Salmonella typhi |
| Aujeszkyvirus | Escherichia coli | Mucor (Post Harvest Loss) | Salmonella typhimurium |
| Avian Influenza Virus | Felines Calicivirus/Norovirus (Spray) | Mycobacterium phlei | Staphylococcus |
| Bacillus (Aerob Sporiform) | Flavobacteria | Mycobacterium tuberculosis | Staphylococcus agalactiae |
| Bacillus anthracis | FMD/MKS Virus (with exposure) | Neisseria meningitidis | Staphylococcus aureus |
| Bacillus cereus (Spores) | Fungus (Aspergillus niger) | Newcastle Disease | Staphylococcus aureus MRSA |
| Bacillus circulans (incl. Spores) | Fusarium (Post Harvest Loss) | Norovirus (feline Calicivirus) (Spray) | Staphylococcus faecium |
| Bacillus Koch/ MycoBacterium tbc | Geotrichum (Post Harvest Loss) | Orthopoxvirus vaccinia | Staphylococcus marcescens |
| Bacillus licheniformis (Spores) | Geotrichum candidum | Parvovirus Gans | Streptococcus |
| Bacillus subtilis | Gumborovirus | Pediococcus | Streptococcus faecalis |
| Bacillus Subtilis (Spores) | H5N1 Influenza A/Bird Flu | Pediococcus damnosus | Swine Fever Virus |
| Bacterias in Culture Medium (hor sol) | Hansenia spor. | Penicillium | Trichophyton mentagrophytes |
| Botrytis (Post Harvest Loss) | Hepatitis B HBV (with exposure) | Penicillium (Post Harvest Loss) | Vacciniavirus |
| Bovines Enterovirus | Hepatitis C | Penicillium roqueforti | Vibrio cholerae |
| Candida albicans | HIV | Pichia membranaefaciens | Vibrio parahaemolyticus |
| Candida stell | Influenza A | Poliovirus type 1 | Yersinia pestis |
| Citrobacter freundii | Influenza A (H5N1, H5, H7, H9) Bird Flu | Proteus mirabilis | Zygosaccharomyces ferm |
| | | Pseudomonas aeruginosa | |

What next?

One of our cleaning teams would be happy to visit your site and survey the cleaning areas required. As part of the survey, the Genie Bio Clean specialist will explain the 3-point cleaning system and will be happy to demonstrate the process in action.



Genie **BIO+** Clean®

19 operation centres around the UK

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Manchester

tel: 0161 696 8532

Northern Ireland

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Northolt

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Nottingham

tel: 07413 408 928

Oxford Central

tel: 01865 955 328

South Wales

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Teeside

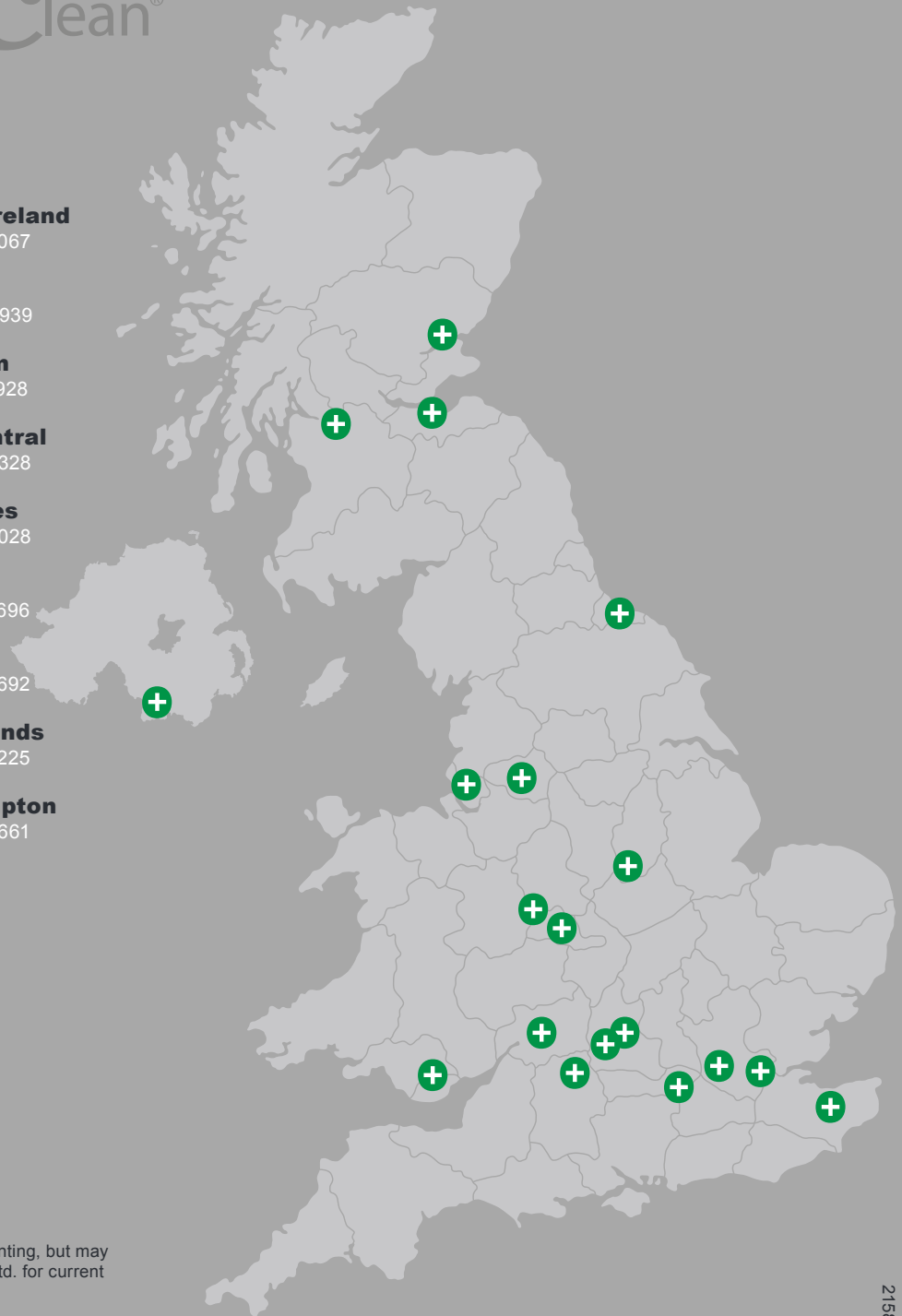
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Prices and specifications are correct at time of printing, but may be subject to change. E & OE. Genie BIO Clean Ltd. for current information.