



**Specialist Sanitisation Fogging  
COVID-19  
(CORONA VIRUS)  
Cleaning Method and Quotation**

**Company:**  
**Requested by:**  
**Address:**  
**Contact No:**  
**Email Address:**  
**Date:**

## ECMS Contact Details

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Dear,

Thank you for contacting ECMS,

## 1. Cost Implications

Cost advice for the above service, as detailed, is shown below. All prices are subject to VAT at standard rate. These costs are inclusive of the supply of cleaning equipment including PPE, cleaning materials, parking and congestion charge.

Areas Covered	Description - COVID 19 – Sanitisation Service (Coronavirus)	Total cost
	<b>Initial Clean followed by Sanitisation and Disinfecting fogging Service</b> - (For full specification on the initial clean, view section 6).  To be followed up with a full sanitisation and disinfecting bio fogging process using <b>Zoono Microbe Shield Surface Sanitiser &amp; Protectant</b> .	£ Plus, VAT
	<b>Sanitisation and Disinfecting fogging Service (only)</b>  To include a full sanitisation and disinfecting bio fogging process only using <b>Zoono Microbe Shield Surface Sanitiser &amp; Protectant</b> .  <b>Zoono Z-71 Microbe Shield keeps killing 99.99% of germs for up to 30 days.</b>	£ Plus, VAT

Please see a short clip of our sanitisation fogging service below.

<https://www.youtube.com/watch?v=m4zTKYBtKqA>

## 1. Covid-19 Specialist Cleaning and Sanitisation - (Corona virus)

ECMS Services have developed a strategy using guidance from Public health England to offer a specialist Covid-19 sanitisation service for all non-health care premises that have either suffered from a confirmed case of Coronavirus or wish to take precautionary measures.

## 2. Process

We offer an initial cleaning service using a **V1** sanitiser to give your premises a thorough and full clean. We focus on high frequency touch points including handles, taps and work surfaces but will also vacuum and mop floors and clean surface in kitchen and bathrooms.



Our full sanitisation and disinfecting fogging process using **Zoono Microbe Shield Surface Sanitiser & Protectant** which keeps killing 99.99% of germs for up to 30 days. By using specialist powerful steam fogging machines, we are able to cover vast areas without missing any surfaces and without the need to wipe over afterwards. The Microbe Shield lays dry putting a protective layer on to all surfaces without any potential harm.

(Please see attached video clip)

Our Covid-19 sanitising teams are available 24 hours a day and have an average arrival time of just over one hour depending on location in the event of an emergency.

On completion a full specialist report can be provided upon request, detailing areas and surfaces covered, completion date and time and covered by who.

### 3. What is V1 Virucidal

V1 Firewall Virucidal is effective against enveloped viruses and Certified to EN 14476, 1276, 14675, 13604 (The main Virucidal Standards).

Safe to use on all surfaces, Non-Hazardous, Non-Toxic and Bleach Free. Essential in fighting cross-infection.

MSDS and lab certificates provided below.

### 4. What is Zoono Microbe Shield Surface Sanitiser & Protectant

Zoono Microbe Shield Surface Sanitiser is an anti-bacterial spray scientifically proven to kill 99.99% of germs and keeps surfaces protected. Formulated with Zoono defence technology, which means that the surface spray is effective against pathogens such as H1N1, Norovirus, E coli, MRSA and Salmonella. The defence technology also forms an anti-microbial layer of microscopic pins that bonds to the surface. Like other Zoono products, the Microbe Shield Surface Spray was tested in a UK laboratory, and successfully passed its test against MERS, SARS (previous versions of Coronavirus), and the new virulent strain of Coronavirus, COVID-19. The surface then prevents the development of superbugs and keeps surfaces hygienic for up to 30 days.

Zoono Microbe Shield Surface Sanitiser compliments your cleaning regime as an ongoing germ protection. Keeps surfaces clean for up to 30 days, even after normal activity and regular cleaning. Routine cleaning can continue and does not disrupt the Zoono defence technology.

As the all-purpose surface spray does not contain any harmful chemicals or alcohol, it is safe to use around children, plants and pets. Food safety approved in the UK.

### 5. Guidance and Scope

The advice in this document can be applied to any non-healthcare setting such as workplaces, offices, waiting rooms, hotel rooms, student accommodation and boarding schools where a possible or confirmed COVID-19 case has spent time while symptomatic.

For the purposes of this guidance, a possible case of COVID-19 is someone undergoing testing but COVID-19 has not yet been excluded, and a confirmed case is someone known to have a positive laboratory test for COVID-19.



The guidance describes the cleaning required, the appropriate disposal of materials, the disinfection of equipment and hard surfaces, and the personal protective equipment (PPE) that should be worn.

Previous experience of new coronaviruses (SARS-CoV & MERS-CoV) has been used to inform this guidance. The risk of infection transmission depends on numerous factors, including the type of surfaces contaminated, the amount of virus shed from the individual, the time the individual spent in the setting and the time since the individual was last in the setting.

The infection risk from environmental contamination will decrease over time, but it is still unclear at what point there is no risk of transmission from the environment. However, studies of SARS and MERS suggest that, in most circumstances, the risk is likely to be reduced significantly after 72 hours.

### **Sanitising Clean - Immediate response and attendance**

In response to the government's suggestion that where possible, companies encourage home working to reduce/delay the spread of COVID-19; we have been working closely with our suppliers to identify products that may help reduce the risk of exposure to this virus.

Fogging is a highly effective method and the product sprayed is a powerful broad-spectrum germicide and all surface product on the market.

We are providing a 24/7 call out service with our specialist sanitising clean and disinfecting fogging service focusing on all surfaces listed under our process section above.

### **Personal Protective Equipment - (PPE)**

The minimum PPE required to be worn for decontaminating an area where a possible or confirmed case has been includes a full protective body suit, face masks, disposable gloves and disposable overshoes. Hands should be washed thoroughly with soap and water after all PPE has been removed.

If a risk assessment of the setting indicates that a higher level of contamination may be present (for example where unwell individuals have slept such as a hotel room or boarding school dormitory) or there is visible contamination with body fluids, then the need for additional PPE such as a full-face visor should be considered. The local Health Protection Team can advise on this.

Most other settings where the person has spent shorter periods of time (such as a waiting room, office space, restaurants, gyms) are likely to have lower levels of contamination and therefore the risk of onward transmission of infection will be lower.

### **Cleaning and Disinfection**

Public areas where a symptomatic individual has passed through and spent minimal time in (such as corridors) but which are not visibly contaminated with body fluids can be cleaned as directed by any existing workplace risk assessment or manufacturer's instructions on the safe use of their cleaning products.

All surfaces that the symptomatic person has come into contact with must be cleaned and disinfected, including:

- Objects which are visibly contaminated with body fluids.
- All potentially contaminated high-contact areas such as bathrooms, door handles, telephones, grab-rails in corridors and stairwells.



Use disposable cloths or paper roll and disposable mop heads, to clean and disinfect all hard surfaces, floors, chairs or door handles and sanitary fittings in the room, following one of the two options below:

- Use either a combined detergent disinfectant solution at a dilution of 1000 parts per million available chlorine.

or

- A household detergent followed by disinfection (1000 ppm av.cl.). Follow manufacturer's instructions for dilution, application and contact times for all detergents and disinfectants.

or

- If an alternative disinfectant is used within the organisation, this should be checked and ensure that it is effective against enveloped viruses.

Avoid creating splashes and spray when cleaning. Any cloths and mop heads used must be disposed of and should be put into the correct waste bags as outlined below under the waste section.

When items cannot be cleaned using detergents or laundered, for example upholstered furniture and mattresses, steam cleaning may be used.

Spillages of blood and body fluids should be managed in accordance with the organisations spillage policy, before cleaning and disinfection. If any items are heavily contaminated with body fluids and cannot be appropriately cleaned, consider discarding. Permission to do discard items should be received from the owner prior to removing.

If an area can be kept closed and secure for 72 hours, wait until this time for cleaning, as the amount of virus contamination will have decreased significantly. The area can then be cleaned as directed by any existing workplace risk assessment or manufacturer's instructions on the safe use of their cleaning products.

## **Waste**

Waste from possible cases and cleaning of areas where possible cases have been (including disposable cloths, tissues, and masks if worn) should be put in a plastic rubbish bag and tied when full. The plastic bag should then be placed in a second bin bag and tied. It should be put in a suitable and secure place and marked for storage until the individual's test results are known. Children, pets, pests etc. should not be able to access this place. Waste should NOT be left unsupervised on the pavement awaiting collection.

## **Follow up of persons involved in environmental decontamination**

The names and contact details of those carrying out cleaning of an area that a possible case has been in should be recorded by the person responsible for this setting. As part of the contact tracing process for a confirmed case, the local Health Protection Team will advise on arrangements for follow up required for 14 days after the cleaning process took place.



## 6. Cleaning Specification (For Initial Clean Only)

Areas & Tasks
<b>Reception</b>
Sanitise wipe clean entrance doors and frames
Sanitise wipe clean desk
Clean and sanitise telephone
Sanitise wipe all doors & frames
Sanitise wipe fixtures and fittings
Sanitise wipe over keyboard, mouse and around monitor
Vacuum carpets and mop hard floors
Bio-Fogg area
<b>All Office, Meeting &amp; Board Room Areas</b>
Sanitise wipe all surfaces of all furniture (where accessible)
Sanitise wipe all fixtures and fittings at reachable height
Sanitise wipe all ledges and skirtings
Sanitise wipe all doors and frames including handles
sanitise wipe over phones, keyboards, mice and around monitor screen
Sanitise wipe desks where accessible
Vacuum carpets and mop hard floors
Bio-Fogg area
<b>Passenger Lifts &amp; Goods Lift</b>
Sanitise wipe all doors
Sanitise wipe clean lift cart walls
Sanitise wipe all glazed surfaces
Sanitise wipe indicator panels
Vacuum carpets and mop hard floors
Bio-Fogg area
<b>Lobbies &amp; Corridors</b>
Sanitise wipe all fixtures and fittings at a reachable height
Sanitise wipe all ledges and skirting
Sanitise wipe glass vision panels to doors
Vacuum carpets and mop hard floors
Bio-Fogg area
<b>Staircases</b>
Sanitise wipe all handrails
Sanitise wipe ledges, fixtures & fittings
Vacuum carpets and mop hard floors
Bio-Fogg area
<b>Staff Kitchens/Resource Areas</b>
Wipe clean & sanitise all work surfaces
Sanitise wipe sink, taps and draining board
Sanitise wipe clean fascia of units and cupboards
Sanitise wipe clean external surfaces of fridges and all equipment
Sanitise wipe clean all fixtures and fittings
Sanitise wipe clean all ledges and skirting
Sanitise wipe inside microwave
Sanitise wipe inside of Fridge
Vacuum carpets and mop hard floors
Bio-Fogg area
<b>Toilets/Showers &amp; Washrooms Areas</b>
Sanitise wipe clean all sinks and surrounds
Sanitise wipe clean all taps



Sanitise wipe clean all vanity units
Sanitise wipe clean all tile splash backs
Sanitise wipe clean all towel cabinets/hand dryers
Sanitise wipe clean and polish all mirrors
Sanitise wipe down all cubicle walls & doors
Clean & sanitize all surfaces to toilets bowls, including handles
Sanitise wipe clean cisterns, and low-level pipe work
Sanitise wipe clean all fixtures and fittings
Sanitise wipe clean all ledges and skirting
Sanitise wipe clean showers
Vacuum carpets and mop hard floors
Bio-Fogg area

## 7. Materials and Equipment

An allowance has been made within the allocated price for the provision of necessary cleaning supplies which includes Viricidal cleaners, disposable cloths and recommended PPE. ECMS operate a strict environmental policy in accordance with ISO 140001 and unless otherwise stated and agreed, environmentally friendly materials and products will be used. All supplies will meet current COSHH regulations and British or European Standards.

All equipment is Portable Appliance Tested and will be maintained to work correctly at all times. Repairs will be maintained off-site, and any equipment which cannot be repaired, will be replaced.

## 8. Staff Standards and Dress Code

Staff will always be issued with ECMS branded clothing and required to wear these.

Other equipment such as disposable gloves, full face mask, protective body suit and other safety clothing will be supplied as necessary to carry out duties in accordance with PPE training and HSE guidelines.

## 9. Staff Induction

Staff will be pre trained at dealing with Covid-19 affected areas and inducted to site in the following ways

- Fire evacuation procedures.
- RoSPA and IOSH accredited training through Human Focus;
  - Manual Handling Training.
  - Chemicals in Industry Training.
  - Fire Safety Training.
  - COSHH Training.
  - Cleaning Rules and Techniques.
  - Environmental Responsibility Training.
  - Staff must show the necessary competencies to proceed to site.



## 10. Client's Health and Safety and Security Procedures

We will ensure that all staff are made fully aware of and comply with your Health and Safety and Security procedures.

The Client warrants that the Premises are safe for work and comply with all Statutory Requirements for the health and safety at work of the Provider's employees.

The Provider may refuse to permit its staff to work in the Premises or any part of them if the Provider reasonably considers that they may be exposed to undue risk or danger.

## 11. Security and Confidentiality

ECMS is fully committed to compliance with the requirements of the Data Protection Act 1998. The company will strive to follow procedures closely which aim to ensure that all employees who have access to any personal data held by or on behalf of are fully aware of and abide by their duties under the Data Protection Act 1998.

ECMS employ trusted staffs which often have undergone a Criminal Records Bureau (CRB) check before employment if required. This enables us to make safer recruitment decisions, identifying candidates who may be more suitable to be put in a trusted position. They are educated against listening to and disclosing confidential information discussed within the sites we facilitate and reminded the importance of the locking of doors and the confidentiality of alarm codes/keys.

## 12. Accreditations

ECMS are accredited by and registered to the following organisations:

- Safe Contractor
- ISO 9001 – Quality Management
- ISO 14001 – Environmental Management
- CHAS

## 13. Waste Carriers License

ECMS also has a Waste Carriers License which allows us to responsibly remove rubbish from site and dispose of and provide waste transfer note.

## 14. Final Report

On Request ECMS are able to provide a final report with photos and videos detailing the following.

- Areas and surfaces covered
- Covered by
- Time and date
- Supervised by
- Completion pictures





<b>RISK ASSESSMENT</b>	<b>REF: 004 – Initial Clean &amp; Sanitising fogging - wiping of all touchable surfaces found in non-healthcare settings</b>		
Risk Assessment Carried out by:	James Grimsley	Date of Assessment:	10/03/2020
People Affected by This Task:	Cleaning Operatives and Other Site Users		
<b>Probability, 1-Very unlikely 2-Unlikely 3-Likely 4-Very likely 5-High</b>			
<b>Severity, 1-First aid 2-Minor injury 3-Injury 4-Major injury 5-Fatality</b>			
<b>Risk = Probability x Severity (25 Highest risk)</b>			
<u>Hazards</u>			
	Probability	Severity	Risk Rating
Exposure to covid-19 (coronavirus)	3	5	15
Cleaning Chemicals	2	4	8
Slips, Trips and Falls	2	4	8
Fumes or Particles	1	4	4
Electrocution	1	4	4
Manual Handling	2	2	4
<u>Control Measures</u>			
<ul style="list-style-type: none"> <li>• Operatives to receive Cleaning Rules/Techniques toolbox talk as part of their induction.</li> <li>• Full PPE to be worn before entering affected area and at all times within, including disposable gloves, full face protection mask, disposable protective suit.</li> <li>• All PPE and cloths to be disposed of in double bags.</li> <li>• Warning signage to be placed around the work area before beginning the task to warn of the wet floor,</li> <li>• Staff to familiarise themselves with the chemicals being used as well as any relevant COSHH assessments for their use.</li> <li>• Area to be kept ventilated</li> <li>• Area to be fully restricted to operatives only, relevant signage to be used.</li> </ul>			
<u>Residual Risk</u>			
	Probability	Severity	Risk Rating
Exposure to covid-19 (coronavirus)	1	5	5
Cleaning Chemicals	1	4	4
Slips, Trips and Falls	1	3	4



Fumes or Particles	1	4	4
Electrocution	1	4	4
Manual Handling	2	2	4
<b>Risk Level of Task</b>			
Position	Cleaning Director		
Signature			
<b>Note to Supervisor:</b> Make sure you inform your workforce of the correct method of performing their duties and answer any questions they may have			





<b>METHOD STATEMENT</b>	<b>REF: 004 – Decontamination fogging/wiping of all touchable surfaces found in non-Healthcare settings</b>	
Method Statement Carried out by:	James Grimsley	Date of Assessment: 10/03/2020
People Affected by This Task:	Operative and Other Site Users	

**Method of Work:**

1. Inspect and put on personal protective equipment, report defects of any PPE immediately.
2. Inspect all equipment prior to assembly, report defects immediately.
3. Assemble equipment and check for safety.
4. Ventilate preparation area, if appropriate, (note that security procedures must not be compromised).
5. Adopt good and correct manual handling techniques for all of the following operations.
6. **Sanitise Wiping:** Prepare cleaning solution as per the manufacturer's instructions. Using a damp cloth wrung almost dry, wipe surface using smooth collection strokes. As required during the cleaning process, rinse cloth in cleaning solution. As required recharge with cleaning solution and wring cloth out until almost dry.
7. **Washing:** Prepare cleaning solution as per the manufacturer's instructions. Using a damp cloth wrung almost dry, wipe surface using smooth collection strokes. As required during the cleaning process, rinse cloth in cleaning solution. As required recharge with cleaning solution and wring cloth out until almost dry.
8. Clean equipment and check for safety.
9. **Fogging:** Disperse the high-powered steamers into the environment, closing all doors on exit to ensure appropriate dwell time allowing the V1 Virucidal to feel the air, sanitise all touch points, envelop furnishings and cling to all surfaces resulting in a thorough application.
10. Dispose of all PPE, used cloths and double bag.
11. Close ventilation.

Acceptance of RAMS

<u>Date</u>	<u>Name</u>	<u>Signature</u>

Failure to comply with method statement instructions and risk assessment control measures could greatly increase levels of risk and may result in disciplinary action



## Lab Certification – ZOONO Microbe Shield Surface Sanitiser & Protectant

No.	PATHOGEN	ZOONO PRODUCT	TEST STANDARD	TEST DURATION	TESTING LABORATORY	LAB. TEST CERTIFICATE NO.
1.	E.coli	Germfree24	EN1500	3 minutes	Abbott UK	09H.02H.200
2.	Pseudomonas a	Germfree24	EN1276	5 minutes	Abbott UK	09H.02B.200
3.	E.coli	Germfree24	EN1276	5 minutes	Abbott UK	09H.02B.200
4.	Staph.aereus	Germfree24	EN1276	5 minutes	Abbott UK	08H.02D.200
5.	Enterococcus.hirae	Germfree24	EN1276	5 minutes	Abbott UK	09H.02D.200
6.	Aspergillus.niger	Germfree24	EN1650	15 minutes	Abbott UK	09H.02M.200
7.	Candida.albicans	Germfree24	EN1650	15 minutes	Abbott UK	09H.02M.200
8.	Pseudomonas a	Z-71 Microbe Shield	EN13697	1 hour / 3 hours	Abbott UK	09J.056a.200
9.	E.coli	Z-71 Microbe Shield	EN13697	1 hour / 3 hours	Abbott UK	09J.056a.200
10.	Aspergillus.niger	Z-71 Microbe Shield	EN13697	1 hour / 3 hours	Abbott UK	09J.056a.200
11.	Staph.aereus	Z-71 Microbe Shield	EN13697	1 hour / 3 hours	Abbott UK	09J.056a.200
12.	REPORT ON 13697	Z-71 Microbe Shield	EN13697	REPORT ONLY	Abbott UK	REPORT
13.	Total Plate Count	Germfree24	EN12791	10 people / 24 hours	Abbott UK	9M.06A.200
14.	Tuberculosis	Z-71 Microbe Shield	EN14348.2005	60 minutes	Abbott UK	14C14EMML2NZ
15.	Staph.aereus	Z-71 Microbe Shield	Zoona Protocol	7 days	Ankara University	
16.	E.coli	Z-71 Microbe Shield	Zoona Protocol	7 days	Ankara University	
17.	Pseudomonas.a	Z-71 Microbe Shield	Zoona Protocol	7 days	Ankara University	
18.	Candida.albicans	Z-71 Microbe Shield	Zoona Protocol	7 days	Ankara University	
19.	Legionella	Z-71 Microbe Shield	EN13623	1 hour	DEREN, Turkey	ML-2001
20.	MRSA	Z-71 Microbe Shield	Zoona Protocol	7 days	GATA Turkey	
21.	Staph.aereus	Z-71 Microbe Shield	Zoona Protocol	7 days	GATA Turkey	
22.	Candida.albicans	Z-71 Microbe Shield	Zoona Protocol	10 days	Hacettepe, Turkey	
23.	Staph.aereus	Z-71 Microbe Shield	Zoona Protocol	10 days	Hacettepe, Turkey	
24.	Bacillus.cereus	Z-71 Microbe Shield	Zoona Protocol	10 days	Hacettepe, Turkey	
25.	Pseudomonas.a	Z-71 Microbe Shield	Zoona Protocol	10 days	Hacettepe, Turkey	
26.	Listeria.m	Hospital Grade	Zoona Protocol	14 days	BioTest, Australia	161851
27.	Staph.aereus	Hospital Grade	Zoona Protocol	14 days	BioTest, Australia	161851
28.	Pseudomonas.a	Hospital Grade	Zoona Protocol	14 days	BioTest, Australia	161851
29.	C.diff	Hospital Grade	Zoona Protocol	14 days	BioTest, Australia	161851
30.	MRSA	Hospital Grade	Zoona Protocol	14 days	BioTest, Australia	161851
31.	Listeria.m	Z-71 Microbe Shield	Zoona Protocol	14 days	BioTest, Australia	161850
32.	Staph.aereus	Z-71 Microbe Shield	Zoona Protocol	14 days	BioTest, Australia	161850
33.	Pseudomonas.a	Z-71 Microbe Shield	Zoona Protocol	14 days	BioTest, Australia	161850
34.	C.diff	Z-71 Microbe Shield	Zoona Protocol	14 days	BioTest, Australia	161850
35.	MRSA	Z-71 Microbe Shield	Zoona Protocol	14 days	BioTest, Australia	161850
36.	Listeria.m	Hospital Grade	Zoona Protocol	7 days	BioTest, Australia	161822
37.	Pseudomonas.a	Hospital Grade	Zoona Protocol	7 days	BioTest, Australia	161822



38.	E.coli	Hospital Grade	Zoone Protocol	14 days	BioTest, Australia	160802
39.	Salmonella	Z-71 Microbe Shield	Zoone Protocol	28 days	BioTest, Australia	161422
40.	Listeria.m	Z-71 Microbe Shield	Zoone Protocol	28 days	BioTest, Australia	161422
41.	Staph.aereus	Z-71 Microbe Shield	Zoone Protocol	28 days	BioTest, Australia	161422
42.	Pseudomonas.a	Z-71 Microbe Shield	Zoone Protocol	28 days	BioTest, Australia	161422
43.	C.diff	Z-71 Microbe Shield	Zoone Protocol	28 days	BioTest, Australia	161422
44.	MRSA	Z-71 Microbe Shield	Zoone Protocol	28 days	BioTest, Australia	161422
45.	Salmonella	Z-71 Microbe Shield	Zoone Protocol	1 - 25 days	Biaida, Australia	Emailed
46.	Total Plate Count	Germfree24	EN12791:2005	Up to 24 hours	China Government	13140001
47.	Staph.aereus	Z-71 Microbe Shield	Gov't Protocol	1hr, 24hr, 30 Days	China Government	13140002
48.	Pseudomonas.a	Z-71 Microbe Shield	Gov't Protocol	1hr, 24hr, 30 Days	China Government	13140002
49.	China Verification	Z-71 Microbe Shield	China Standard	15 minutes	MA Lab (CHINA)	20130108
50.	China Verification	Germfree24	China Standard	15 minutes	MA Lab (CHINA)	20130109
51.	Dermatology	Germfree24	Patch Test	72 hours	DermaTest GmbH	PATCH TEST
52.	H1N1	Germfree24	EN14476-2007-02	1 minute	MikroLab GmbH	Z09ML37751
53.	MERS	Z-71 Microbe Shield	EN14476:2013	1, 5, 10, 30 minutes	MikroLab GmbH	Z14ML17268C
54.	Trichophyton.m	ZooneTex	ISO 16329-1:2012	60 Minutes	KAKEN, Japan	CK-13-073574-2
55.	Staph.aereus	ZooneTex	Japan Standard	0 / 10 Washes	SMI ITOCHU	Translation
56.	Klebsiella.p	ZooneTex	Japan Standard	0 / 10 Washes	SMI ITOCHU	Translation
57.	Trichophyton.m	ZooneTex	Japan Standard	0 / 10 Washes	SMI ITOCHU	Translation
58.	Staph.aereus	Z-71 Microbe Shield	Zoone Protocol	Blue Medical Mask	NZ Labs	11NR001919
59.	E.coli	Z-71 Microbe Shield	Zoone Protocol	7 Day / 14 Day	Eurofins	NZAK0058850A
60.	Staph.aereus	Z-71 Microbe Shield	Zoone Protocol	7 Day / 14 Day	Eurofins	NZAK0058850A
61.	E.coli	Z-71 Microbe Shield	Zoone Protocol	1 Min, 1, 3, 11, 24 Hrs	Eurofins	NZAK0064122
62.	E.coli	Z-71 Microbe Shield	Zoone Protocol	7 Day / 14 Days	Eurofins	NZAK0058847A
63.	Staph.aereus	Z-71 Microbe Shield	Zoone Protocol	7 Day / 14 Days	Eurofins	NZAK0058847A
65.	Staph.aereus	Z-71 Microbe Shield	Zoone Protocol	1 Day / 28 Days	Eurofins	NZAK0020190
66.	E.coli	Z-71 Microbe Shield	Zoone Protocol	24 Hours	Eurofins	NZAK0026426
67.	Staph.aereus	Z-71 Microbe Shield	Zoone Protocol	24 Hours	Eurofins	NZAK0026426
68.	E.coli	Z-71 Microbe Shield	Zoone Protocol	24 Hours	Eurofins	NZAK0058845
69.	Staph.aereus	Z-71 Microbe Shield	Zoone Protocol	24 Hours	Eurofins	NZAK0058845
70.	E.coli	Germfree24	Zoone Protocol	1 Min, 3 Hrs, 24 Hrs	Eurofins	10NR020267
71.	Staph.aereus	Germfree24	Zoone Protocol	1 Min, 3 Hrs, 24 Hrs	Eurofins	10NR020267
72.	Total Bacteria Count	Z-71 Microbe Shield	USFDA 8th Ch3	10 minutes	BV Dubai	162042/1
73.	Total Coliforms	Z-71 Microbe Shield	USFDA 8th Ch4	10 minutes	BV Dubai	162042/1
74.	Salmonella	Z-71 Microbe Shield	USFDA 8th Ch5	10 minutes	BV Dubai	162042/1
75.	Listeria.m	Z-71 Microbe Shield	CCFRA	10 minutes	BV Dubai	162042/1
76.	Staph.aereus	ZooneTex	ASTM E2149	0, 1 Hour	Burlington	1-9102010
77.	Staph.aereus	ZooneTex	AATCC 147-1993	24 Hours	Burlington	Dec 2, 2010



78.	E.coli	Z-71 Microbe Shield	M-74	1 Hour	Contro-Lab CA	20641/060116/01
79.	Pseudomonas.a	Z-71 Microbe Shield	EN13727:2012	10 Minutes	Abbott UK	15F160MB HAS
80.	Staph.aereus	Z-71 Microbe Shield	EN13727:2012	10 Minutes	Abbott UK	15F160MB HAS
81.	Enterococcus.hirae	Z-71 Microbe Shield	EN13727:2012	10 Minutes	Abbott UK	15F160MB HAS
82.	Pseudomonas.a	GermFree24	EN13727:2012	30 Seconds	Abbott UK	15F160MB HR-HAS
83.	E.coli	GermFree24	EN13727:2012	30 Seconds	Abbott UK	15F160MB HR-HAS
84.	Staph.aereus	GermFree24	EN13727:2012	30 Seconds	Abbott UK	15F160MB HR-HAS
85.	Enterococcus.hirae	GermFree24	EN13727:2012	30 Seconds	Abbott UK	15F160MB HR-HAS
86.	Staph.aereus	ZoonoTex	ASTM E 2149-01	Up to 100 Washes	Bruck Australia	Nov-10
87.	E.coli	ZoonoTex	ASTM E 2149-01	Up to 100 Washes	Bruck Australia	Nov-10
88.	Staph.aereus	ZoonoTex	FZ/T 73023-2006	Inhibition Zone	CHINA Standard	16-Aug-14
89.	E.coli	ZoonoTex	FZ/T 73023-2006	Inhibition Zone	CHINA Standard	16-Aug-14
90.	Candida.albicans	ZoonoTex	FZ/T 73023-2006	Inhibition Zone	CHINA Standard	16-Aug-14
91.	Total Plate – Fungi	Z-71 Microbe Shield	ASTM 847	28 Days – Oxyprock	Enviro Labs Australia	M14-033
92.	E.coli	Zoono Mini Fogger	Zoono Protocol	50 mins / 24 hrs	Eurofins	17NZAK0021973
93.	Staph.aereus	Hospital Grade	TGA Option A	Tests 1, 2, 3	Eurofins Australia	1629684
94.	E.coli	Hospital Grade	TGA Option A	Tests 1, 2, 3	Eurofins Australia	1629684
95.	Pseudomonas.a	Hospital Grade	TGA Option A	Tests 1, 2, 3	Eurofins Australia	1629684
96.	Proteus.vulgaris	Hospital Grade	TGA Option A	Tests 1, 2, 3	Eurofins Australia	1629684
97.	Staph.aereus	Hospital Grade	TGA Option B	Tests 1, 2, 3	Eurofins Australia	1629684
98.	E.coli	Hospital Grade	TGA Option B	Tests 1, 2, 3	Eurofins Australia	1629684
99.	Pseudomonas.a	Hospital Grade	TGA Option B	Tests 1, 2, 3	Eurofins Australia	1629684
100.	Proteus.vulgaris	Hospital Grade	TGA Option B	Tests 1, 2, 3	Eurofins Australia	1629684
101.	C.diff	Hospital Grade	ASTM E2197	16 minutes	Microchem Lab, USA	NG3768
102.	Norovirus	GermFree24 ULTRA	ASTM E1053	1, 5, 10 minutes	Microchem Lab, USA	NG3502
103.	E.coli	Zoono Body Wash	Eurofins InHouse	5 mins / 24 hours	Eurofins Auckland	NZAK0066713
104.	Staph.aereus	Zoono Body Wash	Eurofins InHouse	5 mins / 24 hours	Eurofins Auckland	NZAK0066713
105.	E.coli	Zoono Foaming Soap	Eurofins InHouse	5 mins / 24 hours	Eurofins Auckland	NZAK0066713
106.	Staph.aereus	Zoono Foaming Soap	Eurofins InHouse	5 mins / 24 hours	Eurofins Auckland	NZAK0066713
107.	Aspergillus brasiliensis	Zoono ZAM	Eurofins InHouse	10 sec / 5 mins	Eurofins Auckland	NZAK0066575
108.	Listeria.m	Zoono ZAM	Eurofins InHouse	30 sec / 5 mins	Eurofins Auckland	NZAK0066574
109.	H3N2 (HK Strain)	Microbe Shield	KRICT Korea	5 mins / 60 mins	KRICT Korea	17D1174 (A)
110.	H3N2 (HK Strain)	GermFree24	KRICT Korea	5 mins / 60 mins	KRICT Korea	17D1174 (A)
111.	H3N2 (HK Strain)	Microbe Shield	KRICT Korea	5 mins / 60 mins	KRICT Korea	17D1174 (B)
112.	H3N2 (HK Strain)	GermFree24	KRICT Korea	5 mins / 60 mins	KRICT Korea	17D1174 (B)
113.	E.coli	Z-71 Microbe Shield	Zoono Protocol	20 mins, 24 hrs, 7 days, 14 days, 30 days	GEO-CHEM India	MISC/17/10/017165
114.	Candida.albicans	Microbe Shield	Zoono Protocol	20 mins, 24 hrs, 7 days, 14 days, 30 days	GEO-CHEM India	MISC/17/10/017165
115.	Influenza A (H3N2)	Microbe Shield	KRICT Protocol	5 mins / 60 mins	KRICT Korea	17D1174(A)
116.	Influenza A (H3N2)	GermFree24	KRICT Protocol	5 mins / 60 mins	KRICT Korea	17D1174(B)



## Lab Certification – V1 Virucidal

### B3920: V1 Firewall Virucidal Cleaner

floral fragrance cleaner certified to EN standards: 1276, 14675, 13704, 14476

#### Description of product

**Kills Swine Flu, HIV, Hepatitis C, MRSA & Clostridium difficile Certified to 1276, 13704, 14476 & 14675**

Selgiene Ultra cleans and sanitises frequently touched items such as door handles, tables, banisters etc. Independently proven to kill the HIV, Hepatitis C and H1N1 Influenza viruses. Also certified to kill Clostridium difficile, MRSA and common food poisoning bacteria including Salmonella typhimurium, Listeria monocytogenes and Escherichia coli.

microorganism	description	test method	tested by	conditions	% killrate	dilution
Aspergillus niger	Black Mould	BS EN 1650	External	Dirty	PASS	neat
		BS EN 1650	External	Clean	PASS	neat
Candida albicans	Food spoilage	BS EN 1650	Internal - UKAS Accredited Laboratory	Dirty	PASS	neat
		BS EN 1650	Internal - UKAS Accredited Laboratory	Clean	PASS	neat
Clostridium difficile spores	Hospital acquired diarrhoea	BS EN 13704	External - UKAS Accredited Laboratory	Clean	PASS	neat
Enterococcus hirae	Common food poisoning bacteria	BS EN 1276	Internal - UKAS Accredited Laboratory	Clean	99.999	neat
	Food poisoning bacteria	BS EN 1276	Internal - UKAS Accredited Laboratory	Dirty	99.999	neat
Escherichia coli 0157	Lethal food poisoning bacteria	BS EN 1276	Internal - UKAS Accredited Laboratory	Dirty	99.999	neat
		BS EN 1276	Internal - UKAS Accredited Laboratory	Clean	99.999	neat
H1N1 Swine Flu - Influenza A	Respiratory illness	BS EN 14675	External - UKAS Accredited Laboratory	Dirty	PASS	neat
		BS EN 14675	External - UKAS Accredited Laboratory	Clean	PASS	neat
Hepatitis B (from DHBV surrogate)	Pathogenic virus	BS EN 14476	External	Clean	PASS	neat
Hepatitis C (from BVDV surrogate)		BS EN 14476	External	Clean	PASS	neat
HIV (from FIV surrogate)		BS EN 14476	External	Clean	PASS	neat
Listeria monocytogenes	Food poisoning bacteria	BS EN 1276	Internal - UKAS Accredited Laboratory	Dirty	99.999	neat
		BS EN 1276	Internal - UKAS Accredited Laboratory	Clean	99.999	neat



<b>MRSA</b>	Methicillin resistant strain of Staph. aureus	BS EN 1276	Internal - UKAS Accredited Laboratory	Clean	99.999	neat
		BS EN 1276	Internal - UKAS Accredited Laboratory	Dirty	99.999	neat
<b>Pseudomonas aeruginosa</b>	Skin infections	BS EN 1276	External	Dirty	PASS	neat
		BS EN 1276	External	Dirty	PASS	neat
<b>Salmonella typhimurium</b>	Food spoilage	BS EN 1276	Internal - UKAS Accredited Laboratory	Dirty	PASS	neat
		BS EN 1276	Internal - UKAS Accredited Laboratory	Clean	PASS	neat
<b>Staphylococcus aureus</b>	Hospital acquired diarrhoea	BS EN 1276	Internal - UKAS Accredited Laboratory	Clean	PASS	neat
		BS EN 1276	External - UKAS Accredited Laboratory	Clean	PASS	neat

Selden Research Limited

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Email :[info@selden.co.uk](mailto:info@selden.co.uk) | web :[www.selden.co.uk](http://www.selden.co.uk)

I certify that the above product has been tested in UKAS accredited laboratories to British and European standards where applicable. Each production batch has been manufactured and quality control tested by Selden Research Limited in an ISO 9001, 14001, 18001 and IPPC certified facility.

Peter Woodhead  
Technical Director



MSDS -

**V1 FIREWALL VIRUCIDAL CLEANER****Safety Data Sheet**

according to Regulation (EC) No. 453/2010

Date of issue: 21/06/201

Revision date: 05/06/2015:

Version: 10.0

**V1 FIREWALL VIRUCIDAL CLEANER****B3920****SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
 Product name : V1 FIREWALL VIRUCIDAL CLEANER  
 Product code : B3920  
 Type of product : Technical product  
 Vaporizer : Container fitted with a sealed spray attachment

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Main use category : Professional use  
 Industrial/Professional use spec : For professional use only  
 Use of the substance/mixture : Hard Surface Cleaner/Sanitiser

**1.2.2. Uses advised against**

No additional information available

**1.3. Details of the supplier of the safety data sheet**

**FOREMOST PRO LTD T/A FOREMOST** UNIT 3 DICKINSON PLACE, SOUTH BERSTED BUSINESS PARK, BOGNOR REGIS, WEST SUSSEX,  
 PO22 9QU, UNITED KINGDOM  
 Tel: 01243 771 340 Fax: 01243 822 010 Email: tech@foremost-uk.com

**1.4. Emergency telephone number**

Emergency number : Mon to Fri 8.30am to 5.00pm - 01243 771 340

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not classified

**2.2. Label elements****Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

No labelling applicable

**2.3. Other hazards**

No additional information available

**SECTION 3: Composition/information on ingredients****3.1. Substance**

Not applicable

**3.2. Mixture**

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

**SECTION 4: First aid measures****4.1. Description of first aid measures**

First-aid measures general : Get medical advice/attention if you feel unwell.  
 First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
 First-aid measures after skin contact : Wash with plenty of soap and water.  
 First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.  
 First-aid measures after ingestion : Give nothing or a little water to drink. Get medical advice/attention if you feel unwell.

**4.2. Most important symptoms and effects, both acute and delayed**

Symptoms/injuries after inhalation : May cause respiratory irritation.  
 Symptoms/injuries after skin contact : Repeated exposure may cause skin dryness or cracking.  
 Symptoms/injuries after eye contact : Causes eye irritation.



Symptoms/injuries after ingestion : May cause a light irritation of the linings of the mouth, throat, and gastrointestinal tract.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

Suitable extinguishing media : Carbon dioxide. Dry powder. Foam.

**5.2. Special hazards arising from the substance or mixture**

No additional information available

**5.3. Advice for firefighters**

No additional information available

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**6.1.1. For non-emergency personnel**

Emergency procedures : Evacuate unnecessary personnel.

**6.1.2. For emergency responders**

Protective equipment : Use personal protective equipment as required.

**6.2. Environmental precautions**

Avoid release to the environment.

**6.3. Methods and material for containment and cleaning up**

For containment : Collect spillage.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

**6.4. Reference to other sections**

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

Precautions for safe handling : Avoid contact with eyes.

Hygiene measures : Do not eat, drink or smoke when using this product.

**7.2. Conditions for safe storage, including any incompatibilities**

Technical measures : Does not require any specific or particular technical measures.

Storage conditions : Keep container closed when not in use.

Incompatible products : Oxidizing agent. Strong acids. Strong bases.

Special rules on packaging : Keep only in original container.

**7.3. Specific end use(s)**

No additional information available

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

No additional information available

**8.2. Exposure controls**

No additional information available

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

Physical state :Liquid

Appearance : Liquid.

Colour : Purple.

Odour : Floral.

Odour threshold : No data available

pH : 10

Relative evaporation rate (butylacetate=1) : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : No data available



Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

**9.2. Other information**

No additional information available

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No additional information available

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No additional information available

**10.4. Conditions to avoid**

No additional information available

**10.5. Incompatible materials**

No additional information available

**10.6. Hazardous decomposition products**

No additional information available

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified pH: 10
Serious eye damage/irritation	: Not classified pH: 10
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

Vaporizer	Container fitted with a sealed spray attachment
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**SECTION 12: Ecological information**

**12.1. Toxicity**

No additional information available

**12.2. Persistence and degradability**

No additional information available



**12.3. Bioaccumulative potential**

No additional information available

**12.4. Mobility in soil**

No additional information available

**12.5. Results of PBT and vPvB assessment**

No additional information available

**12.6. Other adverse effects**

No additional information available

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

No additional information available

**SECTION 14: Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

**14.1. UN number**

Not regulated for transport

**14.2. UN proper shipping name**

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable

**14.3. Transport hazard class(es)**

**ADR**

Transport hazard class(es) (ADR) : Not applicable

**IMDG**

Transport hazard class(es) (IMDG) : Not applicable

**IATA**

Transport hazard class(es) (IATA) : Not applicable

**14.4. Packing group**

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

**14.5. Environmental hazards**

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

**14.6. Special precautions for user**

**- Overland transport**

No data available

**- Transport by sea**

No data available

**- Air transport**

No data available

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**SECTION 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**15.1.1. EU-Regulations**

Contains no substances with Annex XVII restrictions / Contains no REACH Annex XIV substances.



## Employers and Public Liability Insurances

MDA/12870546

11 March 2020



### "TO WHOM IT MAY CONCERN"

Dear Sirs

#### Re: ECMS Services Limited

We act as Insurance Brokers to the above and as such are pleased to confirm details of our Client's Liability Insurance below:

Insurers:	Ageas Insurance Limited & Allianz Insurance Plc
Period of Insurance:	06/03/2020 to 28/12/2020
Policy Number:	CZDA0001386\12870546\19 & SZ/23547422

#### EMPLOYERS LIABILITY

LIMIT OF INDEMNITY:- £10,000,000 any one occurrence

Includes indemnity to Principals

#### PUBLIC LIABILITY INCLUDING PRODUCTS LIABILITY AND TREATMENT RISKS

LIMIT OF INDEMNITY:- £10,000,000 any one incident, unlimited in any one period of insurance, but in all in respect of Products Liability

Includes indemnity to Principals



A member of the British  
Insurance Brokers Association

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