

ONE STEP

QFD

QUAT FREE

One-step Combined Surface Cleaner & Disinfectant

Kills >99.99% of Coronavirus in 60 seconds

Up to 99.9999% kill rates against bacteria & fungi

No hazardous labelling

Quat free, leaving no residue

Rinse free application

No Maximum Residue Limit



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One Step Combined Surface Cleaner & Disinfectant

QFD is an innovative & highly effective multi-surface spray and wipe bactericidal one-step cleaner degreaser, containing **no quaternary ammonium compounds (QACs/Quats)**, achieving **high levels of disinfection**.

No need to pre-clean - cleans and disinfects in one easy step, even in dirty conditions and leaves no residue.

QFD can be used as a cleaner and disinfectant prior to rinsing, or can be used as an effective surface disinfectant without the need for rinsing.

Available as:

- ready-to-use liquid
- concentrate
- wipes

Why you need to move away from Quats

Quats stick to surfaces, substrates and food leaving a residue that is potentially harmful to health and the environment. QFD contains no Quats and utilises the latest technology available in the market place. QFD leaves no residue and is a high performance cleaning and disinfection solution.



NO QACs



= NO RESIDUE



= NO RINSING



Helping you to protect your customers, consumers and your business's reputation.

The 'first-choice' cleaning and disinfection product for maintaining high standards of cleanliness in healthcare and food hygiene.



Technical features

- Quat (QAC) free
- Tested to EN 14476 and proven to be effective against Coronavirus and other enveloped viruses
- Tested according to EN 13697 & EN 1276 against bacteria & fungi under dirty conditions
- Fragrance & taint free
- No residue (ie food safe)
- Not skin irritant
- Free of PHMB (Biguanide), aldehydes, halogens & oxidisers
- Highly effective, non-sensitising biocide without MRL*
- Formulation prevents water staining post-use

Application areas

- Ideal for deep cleaning
- Food processing surfaces
- Open plant, sanitation tunnels and fogging
- Health care environments
- Nursing and care homes
- Domestic application
- Schools
- Washrooms / bathrooms

* **MRL** - Maximum Residue Limit. Maximum amount of biocide residue that is expected to remain on food products (when the biocide is used as per label directions) that will not be a concern to human health.

[bio-technics.com](https://www.bio-technics.com)

Test results

Bacteria (dirty conditions)	Test	Pass time (mins)	Log Reduction
Pseudomonas aeruginosa	EN 13697	5	>5.97
Pseudomonas aeruginosa	EN 13697	3	4.50
Escherichia coli	EN 13697	2	>6.32
Salmonella enteritidis	EN 13697	2	>5.97
Listeria monocytogenes	EN 13697	2	>5.87
Campylobacter jejuni	EN 13697	2	>5.80
Legionella pneumophila	EN 13697	5	4.08
Staphylococcus aureus	EN 13697	2	4.65
Enterococcus hirae	EN 13697	2	>5.93
Vancomycin Resistant Enterococci	EN 13697	2	>5.91

To obtain a 'pass' a log 4 reduction must be obtained within 5 minutes.

Viruses (clean conditions)	Test	Pass time (mins)	Log Reduction
Bovine Coronavirus	EN 14467	1	>4.00

To obtain a 'pass' a log 4 reduction must be obtained within 5 minutes.








Bacteria (dirty conditions)	Test	Pass time (mins)	Log Reduction
Pseudomonas aeruginosa	EN 1276	5	>5.52
Escherichia coli	EN 1276	5	>5.54
Enterococcus hirae	EN 1276	5	>5.54
Staphylococcus aureus	EN 1276	5	>5.54

To obtain a 'pass' a log 5 reduction must be obtained within 5 minutes.






Fungi (dirty conditions)	Test	Pass time (mins)	Log Reduction
Candida albicans	EN 13697	5	>5.00
Aspergillus niger	EN 13697	15	3.31

To obtain a 'pass' a log 3 reduction must be obtained within 15 minutes.

Ready to Use Liquid pack sizes

Description	Case Size	Order Code
 750ml trigger spray	12 per case	QFD-75TS
 1 litre trigger spray	12 per case	QFD-1TS
 5 litre container	2 per case	QFD-2X5
 5 litre container	4 per case	QFD-4X5
 20 litre container	1 per case	QFD-20
 200 litre drum	1 per case	QFD-200
 1000 litre IBC	1 per case	QFD-1000



Liquid Concentrate pack sizes

Description	Case Size	Order Code
 5 litre container	2 per case	QFD-C-2X5
 5 litre container	4 per case	QFD-C-4X5
 20 litre container	Individual	QFD-C-20
 200 litre drum	Individual	QFD-C-200
 1000 litre IBC	Individual	QFD-C-1000

Use at 5% dilution



Wipes pack sizes

Description	Case Size	Order Code
 Tub of 200 wipes Probe wipes, 130 x 130mm	12 per case	QFD-W-200
 Bucket of 225 wipes Surface wipes, 240 x 250mm	1 per case	QFD-W-225

Manufactured by



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Use biocides safely. Always read the label and product information before use.



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