

PRODUCT USE GUIDE FOR

Assured Sanitiser QF

New European legislation dictates that any sanitised or disinfected surface must leave virtually no residual disinfectant material on that surface. This applies to any surface which may be used for food preparation and covers retail, restaurants, institutional and industrial environments.

The disinfectant materials in question are Quaternary Ammonium Compounds, often referred to as QAC's or Quats.

Assured Hygiene have overcome this problem by developing a Quat Free sanitiser which complies fully with the Biocidal Products Directive and which gives very high levels of clean and disinfection.

Product Description

QAC free combined cleaner and disinfectant for use in any area where high levels of cleanliness and hygiene are key.

Product Features

- Safe for use on any surface and especially developed for food preparation surfaces.
- Perfect where MRL's (Minimum Residual Levels) are an issue. The product provides quick initial microbial kill.
- Passes BSEN1276
- Passes BSEN 1040
- QAC-free
- Works even at low temperatures e.g. chilled rooms
- No taint
- Concentrate can be diluted 1:8

Direction for Use

- Dilute product to 1:8 for use
- Apply Sanitiser QF solution to surface and ideally allow 2 minutes contact time
- Agitate surface to remove stubborn soiling
- Rinse thoroughly with fresh water and allow to air dry
- Sanitiser QF may be applied by low pressure spray, trigger spray, sponge, mop & bucket or cloth

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Storage

- Store in cool conditions away from direct sources of heat
- Avoid extremes of temperature
- Do not allow to freeze
- Ensure the cap is tightly fitted after use
- Keep out of reach of children

Shelf Life

- Shelf life 24 months, if stored as recommended.
- Use within 12 months of opening.

Data Sheet No. AHLSQF

Environmental Hazards

- Do not allow large quantities of neat liquid to enter surface waterways.

Note: This product is only to be used for the purpose for which it was intended and in accordance with the specified instructions. This product should never be mixed with other chemical products and should be handled with care and stored carefully out of reach of children.

Antimicrobial Efficacy

Activity Spectrum

Test Method	Test Organisms	Test Conditions	Log reduction Required
Bactericidal Activity, Quantitative Suspension Test			
EN 1276:2009	<i>Pseudomonas aeruginosa</i> , <i>Escherichia coli</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i>	– 3.0 g/l Albumin – 5 minutes contact time (under dirty conditions)	> 5.0
EN 1276:2009	<i>Pseudomonas aeruginosa</i> , <i>Escherichia coli</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i>	– 0.3 g/l Albumin – 5 minutes contact time (under clean conditions)	> 5.0
Bactericidal* Activity, on Surfaces			
EN 13697:2015	<i>Pseudomonas aeruginosa</i> , <i>Escherichia coli</i> , <i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i>	– 3.0 g/l Albumin – 5 minutes contact time (under dirty conditions)	> 4.0
Algaecidal Activity			
Internal Lonza method	<i>Chlorella vulgaris</i>	–	–
Yeasticidal Activity, Quantitative Suspension Test			
EN 1650:2008 + A1:2013	<i>Candida albicans</i>	– 3.0 g/l Albumin – 15 minutes contact time (under clean conditions)	>4.0 Log reduction required

Veterinary Specific Tests

Test Method	Test Organisms	Test Conditions	Log Reduction Required
EN 1656:2000	<i>Enterococcus hirae</i> , <i>Proteus vulgaris</i> , <i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i>	– 10 g/l Albumin + 10 g/l Yeast extract – 5 minutes contact time (under dirty conditions) – 10 °C	> 5.0
	<i>Mycobacterium avium</i>	– 3.0 g/l Albumin – 60 minutes contact time – 10 °C	> 4.0
EN 14204:2004*	<i>Mycobacterium avium</i>	– 3.0 g/l Albumin – 60 minutes contact time – 10 °C	> 4.0

High efficiency at low temperatures and high soiling levels.

Tuberculocidal Efficacy

Test Method	Test Organisms	Test Conditions	Log Reduction Required
	<i>Mycobacterium avium</i>	– 3 g/l Albumin + 3 ml/l Sheep erythrocytes – 15 minutes contact time (under dirty conditions) – 20 °C	> 4.0
EN 14204:2004*	<i>Mycobacterium avium</i>	– 3 g/l Albumin + 3 ml/l Sheep erythrocytes – 60 minutes contact time (under dirty conditions) – 20 °C	> 4.0

High tuberculocidal efficacy under high organic load.

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Virucidal Efficacy

Test Method	Test Organisms	Test Conditions
HBs Antigen Inactivation Test		
Internal Lonza method	Hepatitis B Virus (HBV)	<ul style="list-style-type: none"> – High organic load: 2 % Albumin or Fetal Calf Serum – 30 minutes contact time

Action versus enveloped viruses: EN 14476:2013

Test Organisms	Test Conditions	Contact time
Modified Vaccinia ankara	0.3 g/L Albumin	5 minutes
Bovine viral diarrhea virus (BVDV)	0.3 g/L Albumin	5 minutes
Influenza H1N1	0.3 g/L Albumin	5 minutes

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