



Product Data Pack

B1925 Byotrol Antimicrobial Surface Sanitiser

Includes Microbiological Data and Chemical Specification

Active Ingredients

**Didecyldimonium chloride, Benzalkonium chloride,
Polyhexamethylene biguanide hydrochloride**
Active Ingredients by volume 10%

Antimicrobial Surface Sanitiser



B1925 Surface Sanitiser Antimicrobial Efficacy

Bactericidal Activity, Quantitative Suspension Test								
Test Method	Standard Test Organisms	Additional Organisms	Standard Test Conditions	Additional Test Conditions	Log Reduction Required	Result	Dilution	Test Reference
EN 1276:1997	<i>Pseudomonas aeruginosa</i> <i>Staphylococcus aureus</i> <i>Enterococcus hirae</i> <i>Escherichia coli</i>	<i>Listeria monocytogenes</i> <i>Salmonella typhimurium</i> <i>Yersinia enterocolitica</i> <i>Escherichia coli</i> O157:H7 (non toxigenic)	Not Tested	- Under Dirty Conditions - 5 Minutes Contact Time - at 10°C	>5.0	Pass	1%	TR_59
EN 1276:2009		MRSA	Not Tested	- Under Dirty Conditions - 5 Minutes Contact Time - at 10°C	>5.0	Pass	1%	TR_311
EN 1276:2009		<i>Campylobacter jejuni</i>		- Under Dirty Conditions - 5 Minutes Contact Time - at 20°C	>5.0	Pass	<1%	TR_154

Bactericidal Activity, Quantitative Non-porous Surface Test								
Test Method	Standard Test Organisms	Additional Organisms	Standard Test Conditions	Additional Test Conditions	Log Reduction Required	Result	Dilution	Test Reference
EN 13697:2001	Not Tested	<i>Salmonella typhimurium</i> MRSA	- Under Clean Conditions - 5 Minutes Contact Time - at 20°C	Not Tested	>4.0	Pass	1%	TR_249 TR_309
EN 13697:2001	<i>Pseudomonas aeruginosa</i> <i>Staphylococcus aureus</i> <i>Enterococcus hirae</i> <i>Escherichia coli</i>	Not Tested		- Under Dirty Conditions - 5 Minutes Contact Time - at 20°C	>4.0	Pass	1%	TR_133
EN 13697:2001	Not Tested	<i>Listeria monocytogenes</i>	Not Tested	- Under Clean Conditions - 5 Minutes Contact Time - at 4°C	>4.0	Pass	1%	TR_248
EN 13697:2001	<i>Pseudomonas aeruginosa</i> <i>Staphylococcus aureus</i> <i>Enterococcus hirae</i> <i>Escherichia coli</i>	Not Tested	Not Tested	- Under Clean Conditions - 60 Seconds Contact Time - at 20°C	>4.0	Pass	1%	TR_241

Yeasticidal and Fungicidal Activity, Quantitative Suspension Test								
Test Method	Standard Test Organisms	Additional Organisms	Standard Test Conditions	Additional Test Conditions	Log Reduction Required	Result	Dilution	Test Reference
EN 1650:2008	<i>Candida albicans</i>	<i>Saccharomyces cerevisiae</i>	- Under Clean Conditions - Under Dirty Conditions - 15 Minutes Contact Time - at 20°C	Not Tested	>4.0	Pass	1%	TR_55
EN 1650:2008	<i>Aspergillus niger</i>	Not Tested	Not Tested	- Under Dirty Conditions - 15 Minutes Contact Time - at 40°C	>4.0	Pass	1%	TR_69
EN 1650:2008	Not Tested	<i>Zygosaccharomyces rouxii</i>	Not Tested	- Under Clean Conditions - 60 Seconds Contact Time - at 20°C	>4.0	Pass	1%	TR_250

Virucidal Activity, Quantitative Suspension Test								
Test Method	Standard Test Organisms	Additional Organisms	Standard Test Conditions	Additional Test Conditions	Log Reduction Required	Result	Dilution	Test Reference
EN 14476:2007	Not Tested	Influenza A H1N1	Not Tested	- Under Clean Conditions - 60 Seconds Contact Time - at 20°C	>4.0	Pass	1%	TR_181
EN 14476: 2005 + A1 2006	Not Tested	Rotavirus Wa strain	Not Tested	- Under Clean Conditions - 5 mins Contact Time - at 20°C	>4.0	Pass	1%	TR_263

Bactericidal Activity, Residual Antibacterial Activity								
Test Method	Standard Test Organisms	Additional Organisms	Standard Test Conditions	Additional Test Conditions	Log Reduction Required	Result	Dilution	Test Reference
PAS 2424:2014	Not Tested	<i>Listeria monocytogenes</i>	- Under High Soil Conditions - With 3 Abrasive Wear Cycles - 24 Hours Contact Time - On stainless steel surfaces - at 20°C	- On plastic surfaces	>3.0	Pass	1%	TR_306

Chemical Analysis

Test Method	Test Reference	Dilution
Taint Test	TR_70	2%
Compatibility Study	TR_134	5%

Technical Data

Appearance: Clear to slightly hazy liquid. **pH:** 6.0-8.0
Colour: Colourless to pale straw.

Packaging

Options	NAN-006	NAN-014	NAN-033
Pack Size	2 x 5 Litre Concentrates	20 Litre Concentrate	1000 Litre Concentrate
Coverage at 1%	Up to 4000m ²	Up to 16000m ²	Up to 800,000m ²
State	1-1.25% v/v Food Contact Surfaces 2-5% v/v All other areas including drains, floors, refrigerators		

Application Areas

Can be used as a terminal disinfectant on food contact surfaces. For all hard surfaces including stainless steel, plastics, tiles, floors, walls, fridges and sanitary ware.

Storage

Keep container upright and tightly closed in a well-ventilated place, away from heat and direct sunlight. Protect from freezing.

Directions for Use

Ensure surfaces are visibly clean. Dilute to required concentration. Spray evenly onto surface, ensuring all areas are treated. Allow surface to dry.

Quantitative Analysis

QAC Test Kit NAN-063 available for purchase on request.

MSDS Reference

B1925

Hazard Statements

May cause an allergic skin reaction.
 Causes severe skin burns and eye damage.
 Suspected of causing cancer.
 May be corrosive to metals.
 Very toxic to aquatic life with long lasting effects.

Precautionary Statements

Do not breathe vapour/spray.
 Wear protective gloves/protective clothing/eye protection/face protection.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off all contaminated clothing immediately. Rinse skin with water/shower.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.