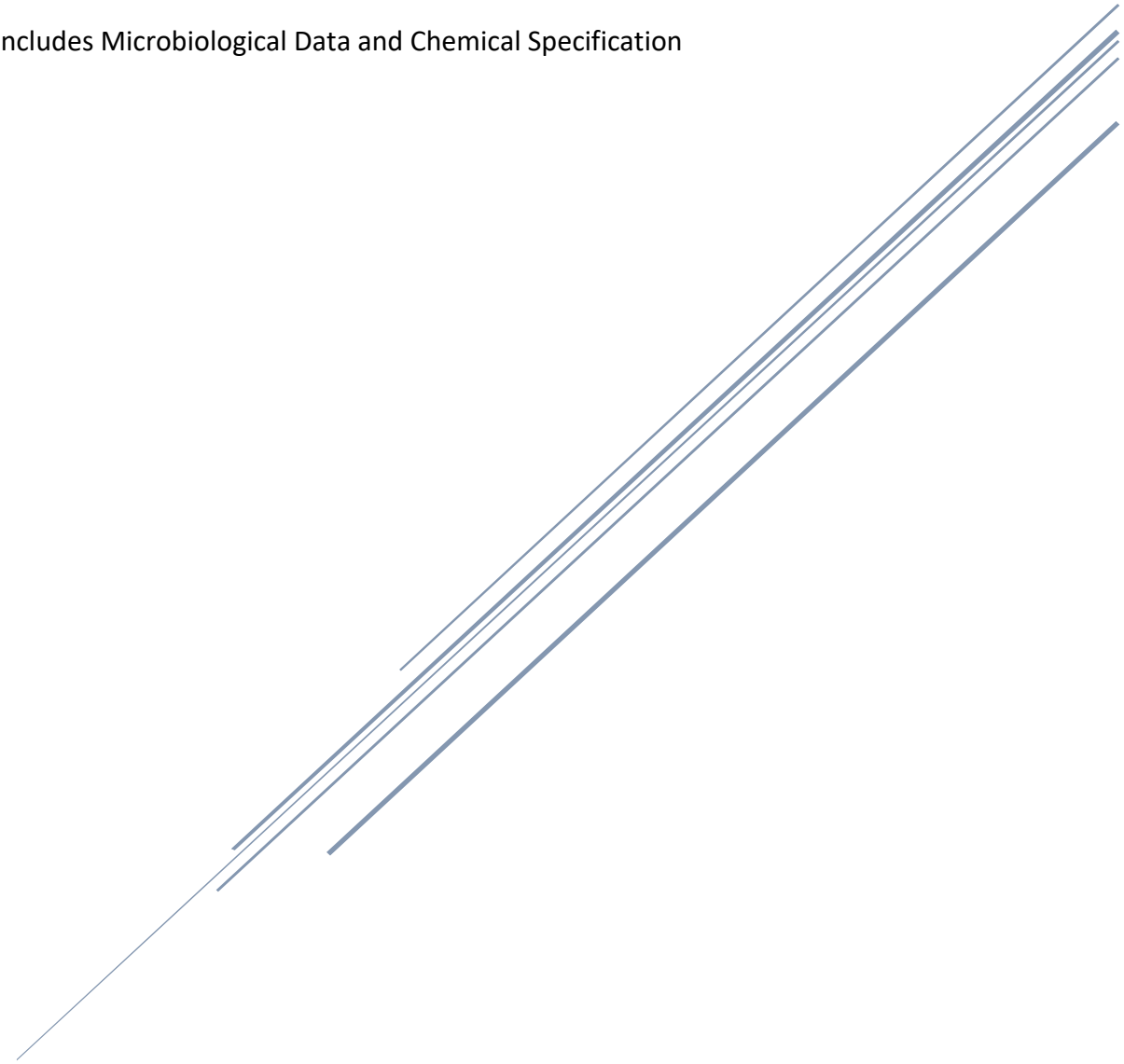
Hand Foam Sanitiser

Product Data Pack

Hand Foam Sanitiser (B2035)

Includes Microbiological Data and Chemical Specification



Hand Foam Sanitiser

Product specification	
Appearance:	Clear liquid
Colour:	Colourless
Odour:	Characteristic
pH:	5.00 – 7.00 (20°C)
S.G.:	0.990 – 1.020 (20°C)
Viscosity:	Water thin; 0 – 20cps

Application areas

Hands (in accordance with BPR PT1)

Directions for use

On to dry hands, dispense as many pumps necessary to give good coverage. Rub hands together, especially between fingers and around nails, until product has dried. Do not rinse off. Repeat as necessary.

Safety

For external use only.
Avoid contact with eyes. If eye contact occurs, rinse well with cool water.
Do not use on broken or inflamed skin.
Keep out of the reach of children.

Storage

Keep containers upright. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from freezing and direct sunlight. Avoid contact with oxidising agents. Store at temperatures not exceeding 35°C.

Active ingredients

Didecyldimethylammonium Chloride 0.180g per 100g,
Chlorhexidine Digluconate 0.060g per 100g

MSDS Reference

B2035

Hazard statements

Not classified

Precautionary statements

Dispose of contents / container in accordance with national regulations.

Shelf life stability data

2 years under recommended storage conditions.

Established following criteria for accelerated storage test in section 3.4.1.1 of ECHA guidance on the BPR: Volume I. Part A. Chapter III: Requirements for Biocidal Products. Version 1.1 November 2014

Packaging			
Options	HFR0050/B2035	HFR0600/B2035	HFR0800/B2035
Pack size	30 x 50 ml foam pumps	15 x 600 ml foam pumps	6 x 800 ml pouches
Doses	Approximately 125 actuations per bottle	Approximately 800 actuations per bottle	Approximately 1,300 actuations per pouch

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Antimicrobial efficacy

Bactericidal activity, Quantitative suspension test							
Test method	Standard test organisms	Additional organisms	Standard test conditions	Additional test conditions	Log reduction required	Result	Test reference
EN1276	*E. coli*		1 min, low soil		>5log	>5log, 1 min, low soil	TR 423
EN1276 / EN13727	*E. hirae*		1 min, low soil		>5log	>5log, 1 min, low soil	TR 423
EN1276 / EN13727	*P. aeruginosa*		1 min, low soil		>5log	>5log, 1 min, low soil	TR 423
EN1276 / EN13727	*S. aureus*		1 min, low soil		>5log	>5log, 1 min, low soil	TR 423
EN13727	*E. coli* (K12)		1 min, low soil		>5log	>5log, 1 min, low soil	TR 423
EN1276		*L. monocytogenes*	1 min, low soil		>5log	>5log, 1 min, low soil	TR 423
EN1276		*S. typhimurium*	1 min, low soil		>5log	>5log, 1 min, low soil	TR 423
EN1276		MRSA	1 min, low soil		>5log	>5log, 1 min, low soil	TR 423
EN1276		*S. pyogenes*	1 min, low soil		>5log	>5log, 1 min, low soil	TR 423
EN1276		*C. jejuni*	1 min, low soil		>5log	>5log, 1 min, low soil	TR 424
EN1276		*E. faecalis (VRE)*	1 min, low soil		>5log	>5log, 1 min, low soil	TR 435
EN1276		*K. pneumoniae (CRE)*	1 min, low soil		>5log	>5log, 1 min, low soil	TR 435

Bactericidal activity, Quantitative hygienic handrub test						
Test method	Standard test organisms	Additional organisms	test conditions	Test requirement	Result	Test reference
EN1500	*E. coli* (K12)		2 x application of test product over 1 min.	Test product must be statistically non-inferior to 2 x applications of 60% propan-2-ol reference formulation over 1 min	Test product was non-inferior to 60% propan-2-ol and therefore satisfies the requirements of EN1500	TR 421

Residual antimicrobial activity, Surface test using artificial skin model							
Test method	Standard test organisms	Additional organisms	Standard test conditions	Additional test conditions	Log reduction required	Result	Test reference
Residual antimicrobial efficacy on VitroSkin		*E. coli* (K12)			>3log reduction of microorganism in 5 mins, 8-hour post product application to VitroSkin	>3log reduction in 5 mins, 8-hour post product application to VitroSkin	TR 416

Yeasticidal activity, Quantitative suspension test							
Test method	Standard test organisms	Additional organisms	Standard test conditions	Additional test conditions	Log reduction required	Result	Test reference
EN1650 /EN13624	*C. albicans*			1 min, low soil	>4log	>4log, 1 min, low soil	TR 425

Virucidal activity, Quantitative suspension test							
Test method	Standard test organisms	Additional organisms	Standard test conditions	Additional test conditions	Log reduction required	Result	Test reference
EN14476		Human Rotavirus strain Wa	30 -120 secs, low soil		>4log	>4log, 30 secs, low soil	TR 414
EN14476		Influenza A virus H1N1 (swine)	30 -120 secs, low soil		>4log	>4log, 30 secs, low soil	TR 415
EN 14476	Vaccinia virus		30 -120 secs, low soil		>4log	>4log, 30 secs, low soil	TR 438
EN 14476		Feline coronavirus	30 -120 secs, low soil		>4log	>4log, 60 secs, low soil	TR 452

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Additional data

Test method	Result	Test reference
96-hour patch test	"Based on the data, the test article can be considered as safe for use and claims such as, 'Dermatologically tested', "Clinically tested', 'Clinically proven', 'Kind to skin', 'Mild for skin' and 'Safe for skin' are all substantiated".	TRC 289
Potential Taint from Direct Contact with Test Materials	"The test results indicate that the test product; B2035 Hand Foam Sanitiser, does not have the potential to taint when tested as above".	TRC 296
Trans epidermal water loss (TEWL) test	"When compared to the positive control, the TEWL values ($p<0.05$) indicate the product does not compromise the skin barrier as harshly as the positive control (70% v/v ethanol). Based on this, the claims of, "Kind to skin", "Maintains skins natural moisture levels", "Maintains skins natural hydration" and "Does not compromise the skin as harshly as ethanol" are substantiated for the test article".	TRC 297