

PRODUCT DATA PACK (PDP)	PDP REF: PDP-ANIGENE V07	
NAME: ANIGENE Professional Surface Disinfectant Cleaner (Concentrate) CODE: B3012		

DOCUMENT ISSUE			
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PRODUCT INFORMATION	
PRODUCT NAME	ANIGENE PROFESSIONAL Surface Disinfectant Cleaner (Concentrate)
PRODUCT CODE	B3012
FORMULATION VARIANTS	B3012 - Unfragranced B3012B - Eucalyptus B3012F - Citrus B3012H - Apple B3012J - Dill B3012M - Lavender
SDS REFERENCE	SDS B3012-ANIGENE SDS B3012B-ANIGENE SDS B3012F SDS B3012H SDS B3012J SDS B3012M
NOTE: ACTIVE INGREDIENTS AND SAFETY INFORMATION DETAILED IN SDS	
DIRECTIONS FOR USE	For professional use only. Use product as required. Refer to the safety data sheet prior to use. Subject to product being used at the concentrations stated on this label and due care being taken whilst in use, the product can be used around or near animals for routine cleaning of animal housing and equipment. Exotic animals, amphibians and reptiles should be removed prior to use. People need not be excluded from the areas during use. Remove excess soiling prior to disinfection. SL Soluble concentrate. Prepare the required concentration of disinfection solution according to the dilution table.
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	Empty packaging may be recycled where facilities exist. Colour may vary but has no effect on efficacy.
APPLICATION AREAS	PT 3 - Veterinary Hygiene
STORAGE CONDITIONS	- Keep out of reach of children - Store at ambient temperature - Store in a closed container. - Protect from frost - Protect from heat - Keep away from oxidising substances - Incompatibility with other materials: Oxidising substances, Anionics, Peroxides, Acids
SHELF-LIFE	24 Months

PRODUCT SPECIFICATION	
APPEARANCE	Clear liquid free of suspended matter
COLOUR	B3012 – colourless to pale yellow B3012B – light blue B3012F - yellow B3012H – light green B3012J – dark green B3012M – dark purple
ODOUR	B3012 – characteristic B3012B – characteristic (eucalyptus) B3012F - characteristic (citrus) B3012H – characteristic (apple) B3012J – characteristic (dill) B3012M – characteristic (lavender)
pH	Concentrate - 10.50 – 11.40 1%-2% dilution – 9.00 – 10.00 10% dilution - 9.50 – 11.00 20% dilution - 10.50 – 11.40
SPECIFIC GRAVITY	1.010 – 1.050
VISCOSITY	Water thin liquid

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BACTERICIDAL EFFICACY					
TEST REF	TEST ORGANISMS	TEST CONDITIONS	TEST RESULT	REPORT REF	COMMENTS
EN1656	<i>Enterococcus hirae</i>	1%, low soil, 5 min, 10°C	>5log reduction	TR_545	None
EN1656	<i>Enterococcus hirae</i>	2%, high soil, 5 min, 10°C	>5log reduction	TR_544	None
EN14349	<i>Enterococcus hirae</i>	1%, low soil, 5 min, 10°C	>4log reduction	TR_549	None
EN14349	<i>Enterococcus hirae</i>	2%, high soil, 5 min, 10°C	>4log reduction	TR_548	None
EN1656	<i>Pseudomonas aeruginosa</i>	1%, low soil, 5 min, 10°C	>5log reduction	TR_545	None
EN1656	<i>Pseudomonas aeruginosa</i>	2%, high soil, 5 min, 10°C	>5log reduction	TR_544	None
EN14349	<i>Pseudomonas aeruginosa</i>	1%, low soil, 5 min, 10°C	>4log reduction	TR_549	None
EN14349	<i>Pseudomonas aeruginosa</i>	2%, high soil, 5 min, 10°C	>4log reduction	TR_548	None
EN1656	<i>Staphylococcus aureus</i>	1%, low soil, 5 min, 10°C	>5log reduction	TR_545	None
EN1656	<i>Staphylococcus aureus</i>	2%, high soil, 5 min, 10°C	>5log reduction	TR_544	None
EN14349	<i>Staphylococcus aureus</i>	1%, low soil, 5 min, 10°C	>4log reduction	TR_549	None
EN14349	<i>Staphylococcus aureus</i>	2%, high soil, 5 min, 10°C	>4log reduction	TR_548	None
EN1656	<i>Proteus hauseri</i> (formerly <i>Proteus vulgaris</i>)	1%, low soil, 5 min, 10°C	>5log reduction	TR_545	None
EN1656	<i>Proteus hauseri</i> (formerly <i>Proteus vulgaris</i>)	2%, high soil, 5 min, 10°C	>5log reduction	TR_544	None
EN14349	<i>Proteus hauseri</i> (formerly <i>Proteus vulgaris</i>)	1%, low soil, 5 min, 10°C	>4log reduction	TR_549	None
EN14349	<i>Proteus hauseri</i> (formerly <i>Proteus vulgaris</i>)	2%, high soil, 5 min, 10°C	>4log reduction	TR_548	None
EN1656	<i>Bordetella bronchiseptica</i>	1%, low soil, 5 min, 10°C	>5log reduction	TR_545	None
EN1656	<i>Bordetella bronchiseptica</i>	2%, high soil, 5 min, 10°C	>5log reduction	TR_544	None
EN14349	<i>Bordetella bronchiseptica</i>	1%, low soil, 5 min, 10°C	>4log reduction	TR_549	None
EN14349	<i>Bordetella bronchiseptica</i>	2%, high soil, 5 min, 10°C	>4log reduction	TR_548	None
EN1656	<i>Campylobacter jejuni</i>	1%, low soil, 5 min, 10°C	>5log reduction	TR_547	None
EN1656	<i>Campylobacter jejuni</i>	2%, high soil, 5 min, 10°C	>5log reduction	TR_546	None
EN14349	<i>Campylobacter jejuni</i>	1%, low soil, 5 min, 10°C	>4log reduction	TR_550	None
EN14349	<i>Campylobacter jejuni</i>	2%, high soil, 5 min, 10°C	>4log reduction	TR_550	None
EN1656	MRSA (Methicillin – resistant <i>Staphylococcus aureus</i>)	1%, high soil, 5 min, 10°C	>5log reduction	TR_674	None
EN14349	MRSA (Methicillin – resistant <i>Staphylococcus aureus</i>)	1%, high soil, 5 min, 10°C	>4log reduction	TR_679	None

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EN1656	MRSE (Methicillin – resistant <i>Staphylococcus epidermidis</i>)	1%, high soil, 5 min, 10°C	>5log reduction	TR_676	None
EN14349	MRSE (Methicillin – resistant <i>Staphylococcus epidermidis</i>)	1%, high soil, 5 min, 10°C	>4log reduction	TR_677	None
EN1656	MRSP (Methicillin – resistant <i>Staphylococcus pseudintermedius</i>)	1%, low soil, 5 min, 10°C	>5log reduction	TR_676	None
EN1656	MRSP (Methicillin – resistant <i>Staphylococcus pseudintermedius</i>)	2%, high soil, 5 min, 10°C	>5log reduction	TR_675	None
EN14349	MRSP (Methicillin – resistant <i>Staphylococcus pseudintermedius</i>)	1%, low soil, 5 min, 10°C	>4log reduction	TR_678	None
EN14349	MRSP (Methicillin – resistant <i>Staphylococcus pseudintermedius</i>)	2%, high soil, 5 min, 10°C	>4log reduction	TR_678	None
EN1656	<i>Salmonella typhimurium</i>	1%, low soil, 5 min, 10°C	>5log reduction	TR_686	None
EN1656	<i>Salmonella typhimurium</i>	2%, high soil, 5 min, 10°C	>5log reduction	TR_686	None
EN14349	<i>Salmonella typhimurium</i>	1%, low soil, 5 min, 10°C	>4log reduction	TR_704	None
EN1656	<i>Streptococcus equi</i>	1%, low soil, 5 min, 10°C	>5log reduction	TR_718	None
EN14349	<i>Streptococcus equi</i>	2%, low soil, 5 mins, 10°C	>4log reduction	TR_727	None
EN1656	<i>Brucella intermedia</i>	1%, low soil, 5 min, 10°C	>5log reduction	TR_728	None
EN14349	<i>Brucella intermedia</i>	1%, low soil, 5 min, 10°C	>4log reduction	TR_729	None
EN13623	<i>Legionella pneumophila</i>	10 min, low soil, 1%, 20°C	>4 log reduction	TR_794	n/a
EN13623	<i>Legionella pneumophila</i>	5 min, low soil, 2%, 20°C	>4 log reduction	TR_794	n/a

YEASTICIDAL/FUNGICIDAL EFFICACY					
TEST REF	TEST ORGANISMS	TEST CONDITIONS	TEST RESULT	REPORT REF	COMMENTS
EN1657	<i>Candida albicans</i>	1%, low soil, 5 min, 10°C	>4log reduction	TR_542	None
EN1657	<i>Candida albicans</i>	4%, high soil, 10 min, 10°C	>4log reduction	TR_551	None
EN1657	<i>Candida albicans</i>	2.5%, high soil, 30 min, 10°C	>4log reduction	TR_551	None
EN16438	<i>Candida albicans</i>	1%, low soil, 5 min, 10°C	>3log reduction	TR_543	None
EN16438	<i>Candida albicans</i>	4%, high soil, 10 min, 10°C	>3log reduction	TR_552	None
EN16438	<i>Candida albicans</i>	2.5%, high soil, 30 min, 10°C	>3log reduction	TR_552	None
EN1657	<i>Aspergillus brasiliensis</i>	10%, low soil, 15 min, 10°C	>4log reduction	TR_900	None
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EN1657	<i>Aspergillus brasiliensis</i>	10%, high soil, 30 min, 10°C	>4log reduction	TR_900	None
EN16438	<i>Aspergillus brasiliensis</i>	10%, low soil, 15 min, 10°C	>3log reduction	TR_902	None
EN16438	<i>Aspergillus brasiliensis</i>	10%, high soil, 30 min, 10°C	>3log reduction	TR_902	None
EN1657	<i>Microsporum canis</i>	1%, low soil, 15 min, 10°C	>4log reduction	TR_681	None
EN16438	<i>Microsporum canis</i>	1%, low soil, 15 min, 10°C	>3log reduction	TR_684	None
EN1657	<i>Trichophyton mentagrophytes</i>	2%, low soil, 30 min, 10°C	>4log reduction	TR_682	None
EN1657	<i>Trichophyton mentagrophytes</i>	10%, low soil, 15 min, 10°C	>4log reduction	TR_901	None
EN1657	<i>Trichophyton mentagrophytes</i>	10%, high soil, 30 min, 10°C	>4log reduction	TR_901	None
EN16438	<i>Trichophyton mentagrophytes</i>	10%, low soil, 15 min, 10°C	>3log reduction	TR_903	None
EN16438	<i>Trichophyton mentagrophytes</i>	10%, high soil, 30 min, 10°C	>3log reduction	TR_903	None

VIRUCIDAL EFFICACY					
TEST REF	TEST ORGANISMS	TEST CONDITIONS	TEST RESULT	REPORT REF	COMMENTS
EN14675	Feline Coronavirus	1%, low soil, 5 min, 10°C	>4log reduction	TR_691	None
EN14675	Feline Coronavirus	1%, high soil, 5 min, 10°C	>4log reduction	TR_897	None
EN14675	Feline Immunodeficiency Virus	1%, low soil, 5 min, 10°C	>4log reduction	TR_701	None
EN14675	Feline Immunodeficiency Virus	2%, high soil, 5 min, 10°C	>4log reduction	TR_702	None
EN14675	Murine Parvovirus	2%, low soil, 30 min, 10°C	>4log reduction	TR_701	None
EN14675	Influenza H1N1	1%, low soil, 5 min, 10°C	>4log reduction	TR_705	None
EN14675	Influenza H1N1	1%, high soil, 5 min, 10°C	>4log reduction	TR_706	None
EN14675	Bovine Enterovirus	10%, low soil, 5 min, 10°C	>4log reduction	TR_707	None
EN14675	Bovine Enterovirus	2%, low soil, 30 min, 10°C	>4log reduction	TR_707	None

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VIRUCIDAL EFFICACY AGAINST BACTERIOPHAGES					
TEST REF	TEST ORGANISMS	TEST CONDITIONS	TEST RESULT	REPORT REF	COMMENTS
EN13610	<i>Lactococcus lactis</i> subsp. <i>lactis</i> P001 DSM 4262	5 min, 1% acidic whey, 0.5%, 20°C	>4 log reduction	TR_692	B3012B
EN13610	<i>Lactococcus lactis</i> subsp. <i>lactis</i> P008 DSM 10567	5 min, 1% acidic whey, 1%, 20°C	>4 log reduction	TR_692	B3012B

ADDITIONAL DATA		
TEST METHOD	RESULT	TEST REPORT REF
Antimicrobial efficacy at 3 months post-dilution (EN1656)	B3012 at 1% achieved a pass after storage at 35°C for 2 weeks, showing that efficacy is retained for 3 months after dilution against <i>Enterococcus hirae</i> , <i>Pseudomonas aeruginosa</i> , <i>Staphylococcus aureus</i> and <i>Proteus hauseri</i>	TR_742
Antimicrobial efficacy at 3 months post-dilution (EN1657)	B3012 at 10% achieved a pass after storage at 35°C for 2 weeks, showing that efficacy is retained for 3 months after dilution against <i>Aspergillus brasiliensis</i>	TR_743
Poultry Orders (DEFRA)	Pass at 1:4 dilution, B3012F	TR_712
Poultry Orders (DEFRA)	Pass at 1:3 dilution, B3012J	TR_710
Poultry Orders (DEFRA)	Pass at 1:4 dilution, B3012	TR_708
General Orders (DEFRA)	Pass at 1:4 dilution, B3012F	TR_712
General Orders (DEFRA)	Pass at 1:10 dilution, B3012J	TR_711
General Orders (DEFRA)	Pass at 1:5 dilution, B3012	TR_709
Preservative Efficacy Testing	B3012 complies with the test for the Efficacy of Antimicrobial Preservatives (European Pharmacopoeia 11 th Edition)	TRC_324
Wool Safe Testing	B3012F 2% meets the requirements of the WoolSafe programme and is suitable for use on wool carpets and rugs.	TRC_327
Wool Safe Testing	B3012H 2% meets the requirements of the WoolSafe programme and is suitable for use on wool carpets and rugs.	TRC_328
Material Compatibility Testing	B3012 is compatible with stainless steel, mild steel, copper, nylon, acetal and rubber up to 20% dilution and aluminium up to 10% dilution	TRC_322
Stain and Odour Testing	B3012F, at 20% dilution, was effective at removing staining an odour from carpet tiles caused by common household agents including red wine, coffee, garden soil and cat vomit	TRC_314v3
Hard Surface Cleaning Test	B3012 at 2% is effective at cleaning both synthetic vomit and blood stains from polyurethane substrate (substitute for hard flooring)	TRC_326

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CHANGE HISTORY			
VERSION	CHANGE REFERENCE	CHANGE TYPE	REASON FOR CHANGE
07	DCC24.090	UPDATE	To add additional data for fungicidal and virucidal claims.
06	DCC23.367	UPDATE	Update to formulation code for lavender variant.
05	DCC23.296	UPDATE	Removal of PT2 as area of use.
04	DCC23.196	UPDATE	Change of name from PDP-3012 to PDP-ANIGENE Rearrange data in document by microorganism rather than by test type. Include full names of microorganisms rather than abbreviated versions. Addition of new data.
03	DCC23.044	UPDATE	Addition of Challenge Testing Reports. Correction of <i>B. intermedia</i> strain name.
02	DCC22.261	UPDATE	Addition of new data (antimicrobial tests, stain, and odour reports), addition of pH values when diluted and efficacy data after stability testing.
01	DCC22.253	NEW	New Product Data Pack for new product.