

PRODUCT DATA PACK (PDP)	PDP REF: PDP-B3012- PROCESSUS V05	
NAME: PROCESSUS Instrument Disinfectant CODE: B3012		

PRODUCT INFORMATION	
PRODUCT NAME	PROCESSUS Instrument Disinfectant
PRODUCT CODE	B3012
FORMULATION VARIANTS	N/A
NOTE: ACTIVE INGREDIENTS AND SAFETY INFORMATION DETAILED IN SDS	
DIRECTIONS FOR USE	Ensure instruments / equipment have been cleaned with PROCESSUS Instrument Cleaner prior to disinfection using PROCESSUS Instrument Disinfectant Dilute concentrate at 5%, adding purified water first, then PROCESSUS Instrument Disinfectant (1 part solution to 19 parts purified water e.g. 950 ml clean water with 50ml PROCESSUS Instrument Disinfectant to make 1 litre of ready to use product) Add diluted solution to suitable container for manual disinfection Record date of dilution and dilution rate Submerge instruments in disinfectant solution and leave for 10 minutes If cleaning endoscopes, ensure solution is flushed through the internal lumens/s Remove instruments and rinse with clean water Allow instruments to dry before reusing Ensure containers of diluted liquid are covered to avoid environmental contamination Diluted product must be disposed of after 7 days, or sooner if the liquid becomes contaminated
APPLICATION AREAS	Instrument re-processing – PT3 veterinary area and PT2 general, forensic and human health laboratories
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	3 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
If printed check that the PDP is the most up to date version according to the website	

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PRODUCT SPECIFICATION	
APPEARANCE	Clear liquid
COLOUR	Colourless to pale yellow
ODOUR	Characteristic
pH	Concentrate – 10.50 – 11.40 5% dilution – 9.50 – 11.00
SPECIFIC GRAVITY	1.010 – 1050 (20°C)
VISCOSITY	N/A

BACTERICIDAL EFFICACY					
TEST REF	TEST ORGANISMS	TEST CONDITIONS	TEST RESULT	REPORT REF	COMMENTS
EN13727	<i>Escherichia coli</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_993	None
EN14561	<i>Escherichia coli</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_818	None
EN13727	<i>Enterococcus hirae</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_993	None
EN14561	<i>Enterococcus hirae</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_817	None
EN13727	<i>Pseudomonas aeruginosa</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_993	None
EN14561	<i>Pseudomonas aeruginosa</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_817	None
EN13727	<i>Staphylococcus aureus</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_993	None
EN14561	<i>Staphylococcus aureus</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_817	None
EN13727	<i>Streptococcus pyogenes</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_780 v02	None
EN14561	<i>Streptococcus pyogenes</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_1043	None
EN13727	<i>Enterococcus faecium</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_780 v02	None
EN14561	<i>Enterococcus faecium</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_819	None
EN13727	<i>Methicillin resistant Staphylococcus aureus</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_780 v02	None
EN14561	<i>Methicillin resistant Staphylococcus aureus</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_819	None
EN13727	<i>Klebsiella pneumoniae</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_780 v02	None
EN14561	<i>Klebsiella pneumoniae</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_819	None
EN13727	<i>Moraxella catarrhalis</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_781 V02	None
EN14561	<i>Moraxella catarrhalis</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_828	None
EN13727	<i>Acinetobacter baumannii</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_782 v02	None
EN14561	<i>Acinetobacter baumannii</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_820	None

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EN13727	<i>Enterobacter cloacae</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_782 v02	None
EN14561	<i>Enterobacter cloacae</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_820	None
EN13727	<i>Proteus hauseri</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_816	None
EN14561	<i>Proteus hauseri</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_824	None
EN13727	<i>Brucella intermedia</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_871	None
EN14561	<i>Brucella intermedia</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_872	None
EN13727	<i>Bordetella bronchiseptica</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_871	None
EN14561	<i>Bordetella bronchiseptica</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_872	None
EN13727	<i>Salmonella typhimurium</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_871	None
EN14561	<i>Salmonella typhimurium</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_872	None
EN13727	<i>Streptococcus equi</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_878	None
EN14561	<i>Streptococcus equi</i>	5 mins, low soil, 1%, 20°C	>5 log reduction	TR_879	None
EN13623	<i>Legionella pneumophila</i>	10 mins, low soil, 1%, 20°C	>4 log reduction	TR_794	None
EN13623	<i>Legionella pneumophila</i>	5 mins, low soil, 2%, 20°C	>4 log reduction	TR_794	None

YEASTICIDAL/FUNGICIDAL EFFICACY					
TEST REF	TEST ORGANISMS	TEST CONDITIONS	TEST RESULT	REPORT REF	COMMENTS
EN13624	<i>Candida albicans</i>	5 mins, low soil, 1%, 20°C	>4 log reduction	TR_792	None
EN14562	<i>Candida albicans</i>	5 mins, low soil, 1%, 20°C	>4 log reduction	TR_821	None
EN13624	<i>Candida auris</i>	5 mins, low soil, 1%, 20°C	>4 log reduction	TR_788 v02	None
EN14562	<i>Candida auris</i>	5 mins, low soil, 2%, 20°C	>4 log reduction	TR_821	None
EN13624	<i>Aspergillus brasiliensis</i>	10 mins, low soil, 5%, 20°C	>4 log reduction	TR_790 v02	None
EN14562	<i>Aspergillus brasiliensis</i>	5 mins, low soil, 5%, 20°C	>4 log reduction	TR_822	None
EN13624	<i>Trichophyton mentagrophytes</i>	5 mins, low soil, 2%, 20°C	>4 log reduction	TR_826	None
EN14562	<i>Trichophyton mentagrophytes</i>	5 mins, low soil, 2%, 20°C	>4 log reduction	TR_827	None

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VIRUCIDAL EFFICACY					
TEST REF	TEST ORGANISMS	TEST CONDITIONS	TEST RESULT	REPORT REF	COMMENTS
EN14476	Vaccinia virus	1 min, low soil, 1%, 20°C	>4 log reduction	TR_798	None
EN17111	Vaccinia virus	10 mins, low soil, 5%, 20°C	>4 log reduction	TR_823	None
EN14476	Adenovirus	5 mins, low soil, 5%, 20°C	>4 log reduction	TR_832	None
EN17111	Adenovirus	10 mins, low soil, 5%, 20°C	>4 log reduction	TR_823	None
EN14476	Norovirus	5 mins, low soil, 5%, 20°C	>4 log reduction	TR_804	None
EN17111	Norovirus	10 mins, low soil, 5%, 20°C	>4 log reduction	TR_823	None

ADDITIONAL DATA		
TEST METHOD	RESULT	TEST REPORT REF
Antimicrobial efficacy at 7 days post-dilution (EN13727)	B3012F at 5% dilution (4% in-test) achieved a pass result (>5 log reduction) when tested in EN13727 7-days after dilution, against <i>E. coli</i> , <i>E. hirae</i> , <i>P. aeruginosa</i> and <i>S. aureus</i>	TR_829
Antimicrobial efficacy at 7 days post-dilution (EN13624)	B3012F at 5% dilution (4% in-test) achieved a pass result (>4 log reduction) when tested in EN13624 7-days after dilution, against <i>C. albicans</i>	TR_830
Preservative Efficacy Testing	B3012 complies with the test for the Efficacy of Antimicrobial Preservatives (European Pharmacopoeia 11 th Edition)	TRC_324
DNA Denaturation	B3012 at 1% dilution is effective at denaturing DNA in 5 mins	TR_807
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