

Biosan II - Product Information

A powerful Micro-organism decontaminant



Biosan II (AP439) is a proprietary anti-microbial decontaminant for use in heavy duty restoration situations where bacteria, viruses, spores, moulds and yeasts are prevalent because of flooding, body fluids or organic waste. The core biocidal activity in Biosan II is derived from a synergistic combination of two powerful biocides and specific potentiator chemistry which effectively destroys a wide range of micro-organisms, viruses, odour causing bacteria and mould.

This powerful biocidal blend is carried rapidly and deeply into the affected area with a dynamic wetting agent which enables the biocide to penetrate substantially further into porous substrates, fabrics and fibres than traditional disinfectants.

Now certified to kill SARS-CoV-2 (COVID-19).

Mould

Recent innovations in Quaternary Ammonium Compounds make them among the most lethal mouldicides available. Biosan II combines this technology with potentiators and penetrants for unparalleled mould killing power.

At a dilution of 1:16, Biosan II takes only 8 minutes to achieve a >4.5log reduction (kill) when tested against Aspergillus Brasiliensis. With a very favourable and economical RTU profile, Biosan II is a product of choice.

Evaluation in accordance with BS EN 1650:2008

Micro-organism	Dilution	Time	Condition	Results
Aspergillus Brasiliensis.	1:16	8 min	0.3% albumin	>99.99%



Biosan II is a premium restoration product. formulated by Actichem, for and in conjunction with SCRIA Organisation Australia.

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Trauma, Black Water and Decontamination

Biosan II not only rapidly penetrates the contact surface but has an extremely high tolerance of organic soil. This contributes to its incredible biocidal efficacy. In trauma, black water and other decontamination applications, Biosan II is a highly effective bactericide and surprisingly economical to use.

At recommended dilution rates Biosan II is active against gram positive and negative bacteria, moulds, spores, enveloped and non-enveloped (lipid & non-lipid) viruses.

TGA Test : Hospital Grade Disinfectant

Micro-organism	Dilution	Time	Condition	Resultant kill
Staphylococcus Aureus (gram-positive)	1:32	8 min	Dirty	>99.9999%
Escherichia Coli (gram-negative)	1:32	8 min	Dirty	>99.9999%
Pseudomonas Aeruginosa (gram-negative)	1:32	8 min	Dirty	>99.9999%
Proteus Vulgaris (gram-negative)	1:32	8 min	Dirty	>99.9999%

AOAC Hard Surface Carrier Test

Micro-organism	Dilution	Time	Condition	Results
Staphylococcus Aureus (gram-positive)	1:32	8 min	5% Serum	Pass
Salmonella choleraesuis (gram-negative)	1:32	8 min	5% Serum	Pass
Pseudomonas Aeruginosa (gram-negative)	1:32	8 min	5% Serum	Pass

How to Order



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