

Biosan II

AUST L332364

A complete guide to the use and application.



COVID-19

Recommended dilutions

1:16 COVID-19 decontamination

1:16 Mould remediation

1:32 Anti-bacterial, dirty surface, hospital grade disinfection

1:64 Anti-bacterial, clean surface, hospital grade disinfection

Standard dwell time – 10min

1:32 Fogging –once off heavy-duty (COVID-19) fogging

1:64 Fogging –frequent treatment

Standard dwell/dry time 30-60min

Application method notes

Trigger Spray or Direct Pour:

Apply Biosan II solution direct to the surface or pre-moisten a clean cloth/wipe. Spread over the affected area. Do not over-wet. Allow to air dry. A correctly treated surface will dry in 10-15 minutes.

Cloth Type:

Avoid use of microfibre and cotton cloths with Biosan II, as they have conflicting charges to most disinfectants and can reduce its effectiveness. Disposable cloths such as chux cloth work well and facilitate good air-drying effect.

Clean First then Disinfect (2 step)

If the surface is visibly dirty or been subject to bio-contamination by blood or body fluids, it must be cleaned first. If bio-contaminants are present, use Biosan II solution for this cleaning step. The surface must be rinsed with clean water and/or wiped dry. Once the surface is clean, then perform the disinfecting step using Biosan II solution using the process described above.

Clean and Disinfect (1 step)

If the surface is not visibly dirty clean and disinfect in one step using the process described above.

Mist Spray and fogging:

Large area disinfecting can benefit from the use of mist spray or fogging equipment. This process provides an effective means of getting disinfectant solution to every surface in an area.

Mist Spray: Apply Biosan II solution through a pump-up pressure sprayer. Use a fine mist and avoid over-wetting. Allow to air dry. A correctly treated surface will dry in 20-40 minutes. If desired surfaces can be wiped dry after 10 minutes. Note – ensure the area being treated is not inhabited, water sensitive materials are removed and air conditioning systems are turned off.

Fogging: Fog Biosan II solution through cold/wet fogging equipment. Avoid over-wetting. Pools and runs should not be visible. Use suitable respiratory protection (Filter type Type A Class 1 or 2 or Filter type CF22 A2). A correctly treated surface will dry in 20-40 minutes. If desired surfaces can be wiped dry after 20 minutes. Note – ensure the area being treated is not inhabited, water sensitive materials are removed and air conditioning systems are turned off.

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Rinsing vs air-drying vs wiping

Surfaces which are visibly clean can be wiped dry or air dried. Air drying provides maximum disinfection and allows for residual biocide to provide longer protection.

Wiping surfaces with a cloth pre-moistened with Biosan II solution, dislodges body oils and grime and provides the very best disinfection outcome. Ensure surfaces left to air dry do not take longer than the times prescribed.

Flooring

For general purpose floor cleaning and sanitising use the following procedure.

1. Mix 160ml Biosan II with 10 litres clean water.
2. Apply solution using a mop bucket, flat mop system or autoscrubber.
3. Allow to air dry. A correctly treated surface will not take longer than 10 minutes to dry.

Bio-contaminated surfaces should be treated separately with a 1:16 – 1:32 Biosan II solution according to the instructions given on page 1.

Surface compatibility

When used as directed, Biosan II is safe on virtually all water cleanable hard surfaces. However, please note the following points;

Carpets, fabrics and leather are also treated successfully with Biosan II, however it is recommended to pretest for chemical or moisture sensitivity. Biosan II is cationic in nature and can affect the stain resistance treatment on Stainmaster nylon carpet.

Brass & Non-ferrous metals can be affected by chemical solutions. Pretesting for chemical sensitivity is recommended. Take extra care and wipe dry. Do not allow to air dry.

Electronics can be affected by chemical solutions. Pretesting for chemical sensitivity is recommended. Do not spray directly onto electronics. Use a premoistened cloth. Electronics are also effectively disinfected using Kwixsan alcohol spray.

Food preparation areas

All the ingredients in Biosan II are classified as food safe. It is safe to use in food preparation facilities however surfaces which have direct food contact (eg cutting boards) must be rinsed with potable water in keeping with food authority guidelines.

Best practice procedures

Consult with information from your local health authority for disinfection frequency and procedures. Recommendations made in this document stand subject to health authority instructions.

Non-touch Points

Surfaces such as walls (above 2.5m), ceilings, etc can be treated initially with Biosan II solution by fog or spray. Residual biocide will remain on these surfaces indefinitely unless subjected to moisture, wiping or touching. It is therefore not necessary to frequently treat such surfaces.

Touch Points

Touch points should be treated more frequently in accord with the frequency of usage or traffic.

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Expiry dates

Biosan II (concentrate) – has a 12-month expiry date.

Biosan II – Ready to Use as supplied by Actichem has a 12-month expiry date.

Biosan II – ready to use which has been created by on-site dilution of the concentrate Biosan II, has a shelf life of 3 months.

Label notes

Due to its TGA registration, certain label amendments were required which need to be read in the context of healthcare use which is TGA's main focus. These statements are explained below;

- **Hard Surface Disinfectant Only** – for hospitals this defines it as not being a product for laundry use, etc. In the restoration industry its recommended use on contaminated carpets and fibres still remains acceptable.
- **Not to be used on skin** – this distinguishes it from an antiseptic for wound care, etc. It is no more or less hazardous on skin as before. Always follow safety directions as provided.
- **Not to be used on medical devices and other therapeutic devices** – this statement distinguishes it from sterilants which are used for sterilising medical instruments which are used on humans such as scalpels, needles, tubes, etc. All non-therapeutic/medical devices surfaces are safe for disinfecting with Biosan II as a hospital grade disinfectant. This includes floors, walls, trolleys, beds, tables, desks, chairs, etc.