

SUBJECT: EPICARE 5AB – EFFICACY WHEN USED WITH COLD WATER

DATE: 10TH AUGUST 2022

Dear Sir / Madam

I write with regards to the efficacy of Ecolab's Epicare 5AB biocidal hand washing product when used with cold water.

Epicare 5AB is a PT1 registered cleaner/biocide, which meets the following biocidal standards:

- EN 1499 - Hygienic handwashing / Bactericidal - 30 sec
- EN 1276 - Bactericidal - Institutional environment - 30 sec
- EN 13727 - Bactericidal - Healthcare environment - 30 sec
- EN 1650 - Yeasticidal - Institutional environment - 60 sec
- EN 13624 - Yeasticidal - Healthcare environment - 60 sec
- EN 14476 - Enveloped Virus - 60 sec

The above claims are specific to dirty conditions at a temperature of 20°C.

A summary of the approved process for biocidal hand washing under the EN 1499 test procedure is detailed below. You will note that water, and its associated temperature, is only introduced during stage 2 to pre-wet hands prior to product application and during stage 5 to rinse hands post disinfection. The efficacy claims of the biocide during the contact time (stage 4 below) is independent of the temperature of the water used and instead reliant on the surface temperature of the individual's skin/hands. Therefore, the efficacy of the product can be assured, even in cases where no hot water is available for handwashing.

Use instructions

1. Check hygiene plan and product label for detailed use information.
2. Pre-wet your hands.
3. Pump at least two times to dose 2 - 3 ml of liquid on the hands.
4. Rub hands acc. to EN Norm. Continue washing motion for 30 sec. to achieve bactericidal effect and 60 sec. to achieve yeasticidal effect and effect against enveloped viruses.
5. Rinse off with tap water.
6. Dry hands with a clean towel or paper cloth.

Yours faithfully,

Martyn Carter
Lead technical service specialist - UK and Ireland