



ThermoClean BI Instructions for Use

Stabilising Concentrate for Biological Incubators with or without CO₂

Instructions for use

- Use at a 0.1% dilution (1 ml concentrate per 1 L water)
- Sterile or freshly distilled (heat distillation) water is recommended.
- Take a weekly sample of 10 ml humidification water from the incubator, centrifuge and microscope the sediment. If there are living cells, the water reservoir and the incubator should be cleaned and disinfected. Otherwise, replace incubator water every 2-3 months.
- Sterile incubator water does not guarantee sterility of condensation drops on the inner surfaces of incubators. Contamination of surface condensation drops can be prevented by regular use of e.g. Fermacidal D2 Surface Spray (www.geneflow.co.uk)

Properties

ThermoClean BI is suitable for all biological moistening incubators with or without CO₂ atmosphere. Cu²⁺ ions may interact with metal surfaces, therefore cleaning with common household stainless steel cleaner may be required optionally. No foam formation, non-volatile, may form crystals upon drying. Stable at room temperature (10-35 °C) until expiration date. It prevents bacteria, viruses, yeasts, fungi, and algae from growth, prevents endospores from flourishing.

Safety information

ThermoClean BI working dilution is classified as not dangerous according to guidelines 1272/2008 and 67/548/EWG or 1999/45/EG. Use with gloves. May be irritating to skin and eyes. ThermoClean BI concentrate is harmful to fish and must not get into surface water. Used working solution can be disposed via the common waste water disposal or sewage systems, and in accordance to official regulations.

Active ingredient: Copper Sulphate **CAS 7758-98-7**, **EINECS 231-847-6**: ≥ 0,25- < 2,5%

H302 - Harmful if swallowed.

H315 - Causes skin irritation.

H319 - Causes serious eye irritation.

H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

Shelf life: 3 years from date of production (see CoA), stable at room temperature (10-35 °C) until expiration date.

Ordering Information:

GeneFlow Catalogue Number	Description
K1-0420	Thermoclean BI, Stabilising Concentrate for Biological Incubators, 100ml. Use at 1ml/Litre