



ThermoClean 95

Water-based tempering fluid with stabilization and corrosion protection
for water circulation systems • ready for use

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ThermoClean 95 ist der Original-Markenname des Original-Herstellers (OEM = Original Equipment Manufacturer) Bioanalytic GmbH - Deutschland. **ThermoClean 95** is also sold under other secondary brand names of other manufacturers (OSM = Original Sales Manufacturer). **ThermoClean** stands for a series of different products for water circulation systems and humidification equipment.

Characteristics

ThermoClean 95 is used as a ready-to-use temperature control fluid for water baths, water circulation systems and water cooling circuits. **ThermoClean 95** offers corrosion protection and is stabilised against the growth of mould, algae and bacteria in water baths and water circulation systems. This prevents unpleasant odours, blockages in the circulation systems and frequent changes of the water baths.

- **ThermoClean 95** ensures better analysis results!
- **ThermoClean 95** is also recommended by leading thermostat and device manufacturers

Properties

- Ready to use - simply pour into the empty cooling circuit as a tempering liquid.
- Liquid and 100% water soluble.
- The included corrosion protection minimizes the corrosion of metals and metal alloys
- **ThermoClean 95** is protected against the growth of algae, bacteria and mould in the water bath or water circulation system for several months.
- Blockages in the hose and circulation system as well as "cold zones" in temperature-controlled cuvette blocks are thus avoided.
- Tubes and components last longer.
- Prevents annoying odours!
- Contains no aggressive phosphates, acids or alkalis, is absolutely free of organic solvents and leaves no residue due to 100% solubility in water.
- No or only very little foam formation, even with strong circulation!
- Suitable for all thermostats and circulation pumps made of water-resistant metals or metal alloys, glass or common plastics.
- Also suitable for closed circulation systems.

Product

The product is ready for use and can be stored at room temperature (+10...+35°C) until the expiry date printed on it. See label for batch (LOT) and expiry date. Do not use if insoluble precipitation occurs.

Risks and Safety

Please observe the necessary precautions for use of laboratory reagents. Applications should be performed by expert personnel only. Follow the national and laboratory internal guidelines for work safety. Wear suitable protective clothing and disposable gloves while handling.



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Für weitere und allgemeine Sicherheitshinweise beachten Sie bitte auch die Angaben auf dem Etikett und das entsprechende Sicherheitsdatenblatt (SDB/SDS).

Download über QR-Code oder Link:

www.sds-id.com/100009-5 (ThermoClean 95)

Contents/Main Components

002517-...	ThermoClean 95 (blue)
	Cont. Treated water-based tempering fluid.
	Contains demineralized water, ≤0,2 µS/cm, microfiltered ≤0,2 µm (sterile during production); stabilizer ThermoClean DC and corrosion protection ThermoClean CP:BT.
002517-1050...	ThermoClean 95 (blue) • 5 L
002517-1200...	ThermoClean 95 (blue) • 20 L

Product Information
ThermoClean 95

2023-04-24

(en)

002517-PR01

Application

ThermoClean 95 is used undiluted. Empty your cooling system completely before filling and rinse it with water if necessary. Fill the complete system with ThermoClean 95.

Also observe the operating instructions for the units or your temperature control system.

Temperature range

A wide temperature range from above frost limit to max. 95 °C is possible. Avoid boiling.

At very low temperatures, the cooling coils of the thermostat may freeze. Please also observe the specifications of the device manufacturer.

Frost protection may be added.

ThermoClean 95 is compatible with antifreeze agents such as:

- Ethylene glycol (1,2-ethanediol)
- Ethanol
- Glycerin

ThermoClean 95 blue

The blue indicator indicates that the water is effectively protected.

A decrease in colour is a sign of the parallel degradation of the active substances. However, this process depends on various factors and parameters.

Replenishment

If the blue coloration decreases (**ThermoClean 95**), **ThermoClean DC** or **Thermoclean CPX** can be used for additional dosing to achieve the required effectiveness concentration.

We recommend a monthly additional dosage of 50 % = 0.5 ml/l; with a high microbial contamination risk up to 1.0 ml/l.

Water changes

Water should be changed immediately if the water is turbid or if all 3...6 months.

Cloudy water indicates biological contamination. In this case, remediation (complete disinfection) and refilling is strongly recommended.

Dekontamination

ThermoClean 95 is 100% water soluble and can be completely removed by sufficient rinsing with water.

Guarantee

ThermoClean 95 contains no toxic mercury or other heavy metal compounds. It also contains no compounds with aluminium, cobalt, copper, iron or zinc.

Notes

This product information exclusively relates to the product described in this leaflet. In particular, this product information cannot be applied to similar reagents from other manufacturers.

Instruction for use

Not suitable for use in aquariums or fish tanks!

If disturbing foam is produced during extremely strong circulation, Bioanalytic can provide additional defoamers.

Classifications (EU)

ThermoClean 95

Ready-to-use water-based circulation system solution.

Contains ThermoClean DC and ThermoClean CP:BT. ThermoClean 95 is not a biocidal product within the meaning of the regulation.

Support/Information service

For methodological and technical support, please contact us by E-Mail at support@bioanalytic.de.

Periodically check for updates of this product information on our website.

Feedback

Information from users can be reported to support@bioanalytic.de.

Suggestions for further developments will be considered.

Waste Management

Please observe your national laws and regulations.

Used and expired solutions must be disposed of in accordance with your local regulations.

Inside the EU, national regulations apply that are based on the current, amended version of Council Directive 67/548/EEG on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances.

Decontaminated packaging can be disposed of as household waste or recycled, unless otherwise specified.

Unused Remains

These are usually hazardous wastes that must be recycled or disposed of. After consultation we take back such residual materials in the original container.

Used circulation water

Used circulation water (used ThermoClean 95) is usually waste water after use and can then be disposed of in sewage treatment plants. However, it must not be discharged untreated into surface waters.

Ordering Information

Please refer to our document **ThermoClean - Overview & Compatibility** for the combination possibilities and usability of our **ThermoClean** products.

This document also contains detailed ordering information on the product and package sizes.

Download from our Internet pages under all ThermoClean products.

Literature & Footnotes

Legends for the graphic symbols and tags used follow relevant norms or are available on our internet pages.