

Neutralising agent

Use:

Liquid concentrate, acidic, based on citric acid. For the automated cleaning of laboratory glassware and laboratory utensils in Miele Professional lab washers. It serves as a neutralizing agent to neutralise alkaline residues from the main wash and/or as an acidic pre-cleaning agent in the automatic cleaning of laboratory glassware.

Main applications:

ProCare Lab 30 C is intended for general use in medical, biological, microbiological and chemical laboratories, in water laboratories, in laboratories in the phosphate and food industry as well as in laboratories in the cosmetics and pharmaceutical industry.

Product properties:

- Good material compatibility and suitable for sensitive materials.
- Does not contain tensides and phosphates.
- Particularly recommended as neutralising agent in the machine-based reprocessing of laboratory glassware as used for example in sensitive water analyses or in laboratories in the phosphate industry.
- For use as neutralising agent where residue from phosphates, phosphoric acid, compounds containing nitrogen or tensides might impair the outcome of subsequent analytical experiments or in combination with materials requiring gentle treatment.
- Can also be used as acidic pre-cleaning agent for the removal of residues soluble in acids.

Suitable for: Stainless steel, laboratory glassware¹, ceramics, plastics² (PE, PP, PVDF, PTFE); additionally suitable for the neutralisation of aluminium

Not suitable for: Light metals and non-ferrous metals, chrome-plated and nickel-plated parts, light metal alloys, anodised aluminium, additionally not suitable for the pre-cleaning of aluminium.

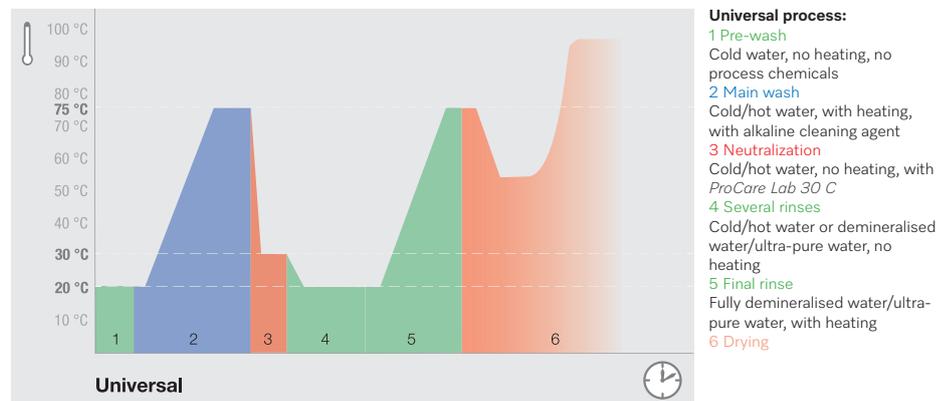
Use and dispensing:

ProCare Lab 30 C is formulated for use in processes in Miele Professional lab washers.

- Precise and economical dispensing via dispenser pump.
- Suitable dosing dispensers should be used.
- Application concentration: The following values should be observed when using *ProCare Lab 30 C*:
 - Neutralisation: 1 ml/l to 2 ml/l
 - Acidic pre-wash: 2 ml/l to 5 ml/l at 40 °C to 60 °C
- Minimum dispensing temperature: ≥ 15 °C, recommended maximum temperature during use: ≤ 60 °C

Programme sequence:

Example based on a universal laboratory programme.



Please note!

- *ProCare Lab 30 C* wash solution has to be completely rinsed off with water (preferably fully demineralised water).
- When using *ProCare Lab 30 C* in a pre-wash, it is important to ensure the acid-compatibility of the load, the machine and all drain pipework. Cement-bound and cast iron pipes are not suitable and require the neutralization of drainage solution beforehand.
- Do not mix with other products.
- Before switching products, rinse the dispensing system, including intake hoses, with water.
- Observe any cleaning recommendations issued by the manufacturers of laboratory glassware.
- The use of fully demineralised water in the final rinse is recommended to avoid water stains.
- Operating instructions for Miele Professional lab washers must be observed.
- For commercial applications only.

¹Types of glass and ²plastics suitable for acidic machine-based cleaning in accordance with the manufacturer's instructions.

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Technical data:

- Density (20 °C): approx. 1.2 g/cm³
- pH value (determined using fully demineralised water, 20 °C) 1 ml/l to 5 ml/l: approx. 3.0 to 2.6

Ingredients according to Regulation (EC) No 648/2004 on detergents:

- Preservative (2-octyl 2H iso thiozol-3-on)

Storage information:

- Storage temperature: -3 °C to 30 °C
- Can be used for 3 years under proper storage conditions.
- Use-by-date: See label next to hourglass symbol .

Changes in the colour of the product may occur when storing in factory-sealed trade units. This has no impact on the properties of the product which are relevant for application.

Warning and Safety notes:

For safety and environmental information, cf. safety data sheets. These are available from the Miele websites listed below.

Dispose of containers only when empty and sealed. Disposal of product residue: refer to safety data sheet.

All information contained herein is current and correct to our knowledge. This does not however release users from obligations to perform their own trials and experiments. This cannot be deemed as a legal warranty of product characteristics or properties.

Packaging units and accessories:

Designation	Packaging unit
<i>ProCare Lab 30 C</i>	5 l and 10 l canister
Canister key	for 5 l, 10 l and 20 l canisters
DTD2 Drip tray	for 5 l and 10 l canisters

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