

Neutralising agent

Use:

Liquid concentrate, acidic, based on phosphoric 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 P is intended for general use in medical, biological, microbiological and chemical laboratories, in laboratories in the food industry, in laboratories in the cosmetics and pharmaceutical industry as well as in laboratories in the mineral oil and other industries.

Product properties:

- Acidic cleaning agent and neutralising agent.
- Does not contain tensides.
- Removes limescale and other soiling soluble in acids.
- Good rinsing properties.

Suitable for: Stainless-steel, laboratory glassware¹, ceramics, plastics² (PE, PP, PVDF, PTFE)

Not suitable for: Light metals and non-ferrous metals, chrome-plated and nickel-plated parts, light metal alloys, anodised aluminium, aluminium

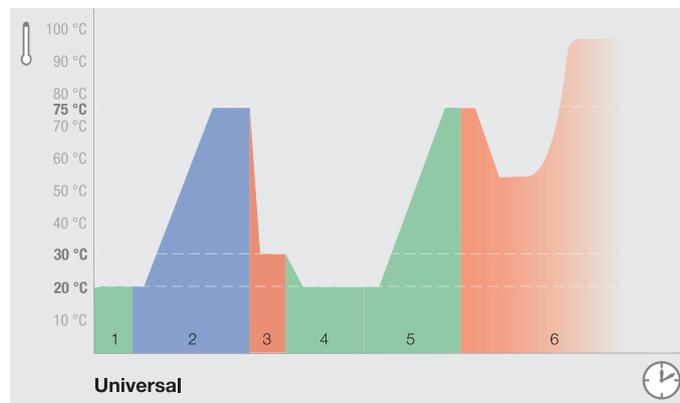
Use and dispensing:

ProCare Lab 30 P 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 P*:
 - Neutralisation: 1 ml/l to 2 ml/l
 - Acidic pre-wash/main wash: 2 ml/l to 4 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.



Universal process:

- 1 Pre-rinse:** Cold water, no heating, no process chemicals
- 2 Main wash:** Cold/hot water, with heating, with alkaline cleaning agent
- 3 Neutralisation:** Cold/hot water, no heating, with *ProCare Lab 30 P*
- 4 Several rinses:** Cold/hot water or demineralised water/ultrapure water, no heating
- 5 Final rinse:** Fully demineralised water/ultra-pure water, with heating
- 6 Drying:**

Please note!

- *ProCare Lab 30 P* wash solution has to be completely rinsed off with water (preferably fully demineralised water).
- When using *ProCare Lab 30 P* in a pre-wash or main 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 neutralisation 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. 1.5 g/cm³
- pH value (determined using fully demineralised water, 20 °C) 1 ml/l to 4 ml/l: approx. 2.2 to 1.8

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

- > 30 % phosphates

Storage information:

- Storage temperature: -15 °C to 30 °C
- Can be used for 3 years under proper storage conditions.
- Use-by-date: See label next to hourglass symbol .

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 P</i>	5 l and 12 kg canister
Canister key	for 5 l, 10 l and 20 l canisters
DTD2 Drip tray	for 5 l and 10 l canisters

Contact information:**Germany**

Miele Vertriebsgesellschaft Deutschland KG
Carl-Miele-Straße 29
33332 Gütersloh
Tel.: +49 800 22 44 644
vertrieb@miele-professional.de
www.miele-professional.de

Canada

Miele Limited
161 Four Valley Drive
VAUGHAN
Ontario L4K 4V8
KANADA
Tel. +1 905 532-2270
customercare@miele.ca
www.miele.ca

United Kingdom

Miele Company Ltd.
Fairacres, Marcham Road
Abingdon
OX14 1TW
Tel. +44 0330 160 6693
professional.sales@miele.co.uk
www.miele.co.uk/p/

Ireland

Miele Ireland Ltd
Block 5 High St
Tallaght
Dublin
D24 YK8N
Ireland
Tel. +353 1 4499260
professionalprotect@miele.ie
www.miele.ie

USA

Miele Inc.
9 Independence Way
Princeton, NJ 08540
Tel.: 800-991-9380
ProService@mieleusa.com
www.mieleusa.com/p/

South Africa

Miele (Pty) Ltd.
63 Peter Place
BRYANSTON 2194
SÜDAFRIKA
Tel. +27 11 875-9000
info@miele.co.za
www.miele.co.za

**Germany**

Chemische Fabrik
Dr. Weigert GmbH & Co. KG
Mühlenhagen 85
20539 Hamburg
www.drweigert.de