

### Cleaning agent

#### Use:

Powder, alkaline. For the automated cleaning of laboratory glassware and laboratory utensils in Miele Professional lab washers.

#### Main applications:

*ProCare Lab 11 MA* is for general-purpose use in medical, biological and chemical laboratories.

#### Product properties:

- Alkaline cleaning agent with foam-reducing properties.
- Good cleaning action on blood, protein and food residues.
- Excellent material compatibility.
- Protection against corrosion on laboratory glassware<sup>1</sup>, stainless steel, laboratory equipment made from plastics<sup>2</sup>.
- Graduations on glassware are afforded special protection.
- Does not contain oxidants.
- Can be used in all water hardness ranges.

**Suitable for:** Stainless-steel, laboratory glassware<sup>1</sup>, ceramics, plastics<sup>2</sup> (PE, PP, PVDF, PTFE)

**Conditionally suitable for:** Aluminium and non-ferrous metals (preliminary checks required)

**Not suitable for:** Light metals, light metal alloys, anodised aluminium

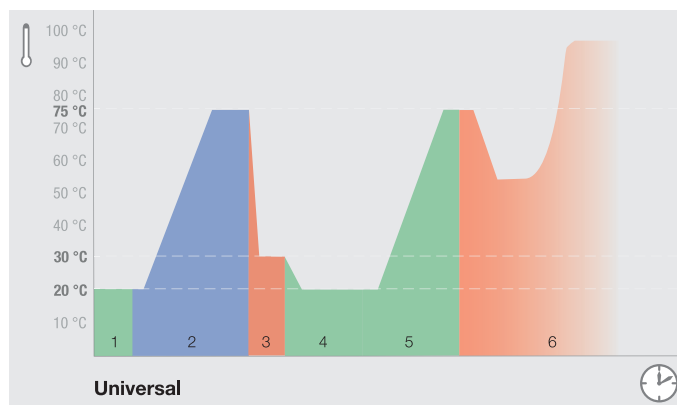
#### Use and dispensing:

*ProCare Lab 11 MA* is formulated for use in processes in Miele Professional lab washers.

- Dispensing via door dispenser for powder cleaning agents.
- Suitable dosing dispensers should be used.
- Application concentration: The quantity dispensed depends on the degree of soiling and should be 2 g/l to 4 g/l.
- In the acidic neutralisation programme stage, alkaline carryover is neutralised using *ProCare Lab 30 P* or *ProCare Lab 30 C*.
- Minimum dispensing temperature:  $\geq 15\text{ }^{\circ}\text{C}$ , recommended maximum temperature during use:  $\leq 95\text{ }^{\circ}\text{C}$

#### Programme sequence:

Example based on a universal laboratory programme.



#### Universal process:

- 1 Pre-wash**  
Cold water, no heating, no process chemicals
- 2 Main wash**  
Cold/hot water, with heating, with *ProCare Lab 11 MA*
- 3 Neutralization**  
Cold/hot water, no heating, with *ProCare Lab 30 P* or *ProCare Lab 30 C*
- 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 11 MA* wash solution has to be completely rinsed off with water (preferably fully demineralised water).
- Do not mix with other products.
- 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.

<sup>1</sup>Types of glass and <sup>2</sup>plastics suitable for alkaline machine-based cleaning in accordance with the manufacturer's instructions.

### Cleaning agent


**Technical data:**

- Bulk density: approx. 915 g/l to 965 g/l
- pH value (determined using fully demineralised water, 20 °C) 2 g/l to 4 g/l: approx. 11.7 to 11.9

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

- < 5 % non-ionic tensides
- > 30 % phosphates

**Storage information:**

- Refit lid firmly after use. The product tends to get lumpy when exposed to dampness which can cause a loss of effectiveness.
- Storage temperature: 0 °C to 30 °C
- Can be used for 2 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
ProCare Lab 11 MA	10 kg container

**Contact information:****Germany**

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

**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