

### 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 AP* is for general-purpose use in water laboratories, serological institutes and in laboratories in the phosphate industry.

#### Product properties:

- Alkaline cleaning agent with protection factor.
- Good cleaning performance on inorganic and organic soiling.
- Does not contain phosphates.
- The P<sub>2</sub>O<sub>5</sub> content of the concentrate is below 50 ppm P<sub>2</sub>O<sub>5</sub>.
- Can be used in water hardness range up to 6 °dH (1.1 mmol/l).

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

**Not suitable for:** Light metals and non-ferrous metals, light metal alloys, aluminium, anodised aluminium

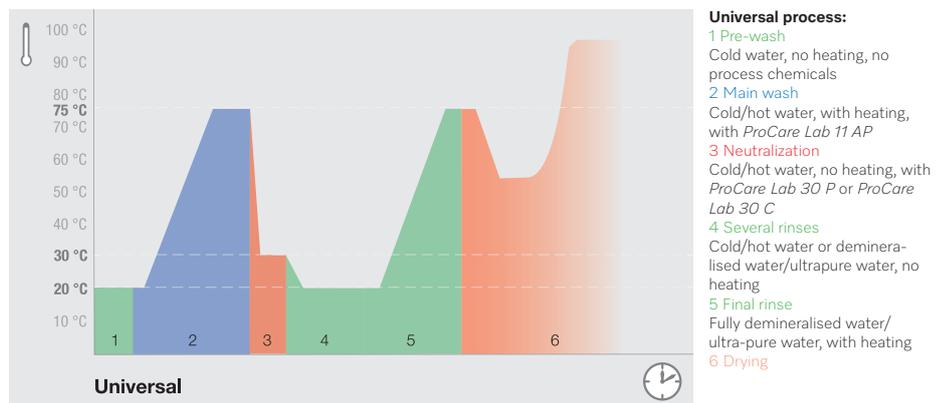
#### Use and dispensing:

*ProCare Lab 11 AP* 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*.
- If glass surfaces are to be particularly free from phosphates, the phosphate content of process water should also be checked.
- Minimum dispensing temperature: ≥ 15 °C, recommended maximum temperature during use: ≤ 80 °C

#### Programme sequence:

Example based on a universal laboratory programme.



#### Please note!

- *ProCare Lab 11 AP* 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.

## ProCare Lab 11 AP

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**Technical data:**

- Bulk density: approx. 970 g/l
- pH value (determined using fully demineralised water, 20 °C) 2 g/l to 4 g/l: approx. 11.5 to 11.7

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

- < 5 % non-ionic tensides
- 5 % to 15 % oxygen bleach

**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 25 °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 AP	10 kg container

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