

## ProCare

Lab 10 MA



### Detergent

#### Use:

*ProCare Lab 10 MA* is an alkaline liquid detergent for the machine-based cleaning of laboratory glassware and laboratory utensils in Miele Professional lab washers (liquid concentrate).

#### Main applications:

*ProCare Lab 10 MA* is for general-purpose use in medical, biological and chemical laboratories.

#### Product properties:

- Multi-purpose detergent affording good material compatibility and offering good cleaning performance on organic soiling such as blood, protein and residues of culture media.
- Free from oxidants and tensides.
- 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:** Non-anodised aluminium and non-ferrous metals (preliminary checks required)

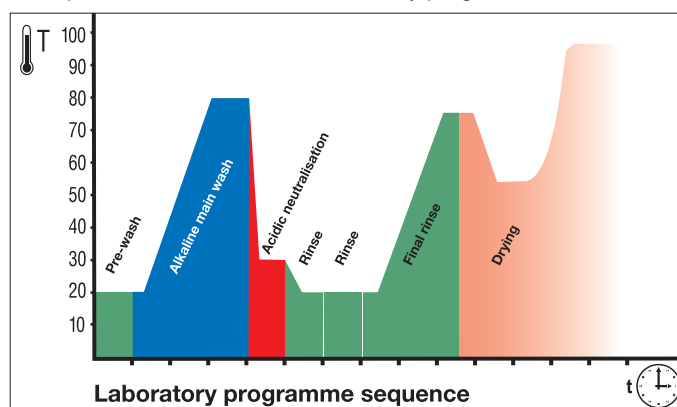
**Not suitable for:** Anodised aluminium

#### Use and dispensing:

- Miele *ProCare Lab 10 MA* is formulated for processes in Miele Professional lab washers.
- Precise and economical dispensing via dispenser pump.
- Concentration in use:  
The quantity dispensed depends on the degree of soiling and should be 2 - 4 ml/l.
- In the acidic neutralisation programme stage, alkaline carryover is neutralised using *ProCare Lab 30 P* or *ProCare Lab 30 C*.
- Suitable dispensers should be used.
- Min. dispensing temp.  $\geq 15$  °C, recommended max. temp. during use  $\leq 95$  °C

#### Programme sequence:

Example based on a standard laboratory programme.



#### Sample laboratory programme cycle:

- Pre-rinse:** Cold water, no heating, no process chemicals
- Main wash:** Cold/hot water, with heating, with alkaline detergent
- Neutralisation:** Cold/hot water, without heating, with acidic neutralising agent
- Several rinses:** Cold/hot water or demineralised water/ultra-pure water, no heating
- Final rinse:** Fully demineralised water/ultra-pure water, with heating
- Drying:**

#### Please note!

- *ProCare Lab 10 MA* wash solution should be completely rinsed off with water (preferably fully demineralised water).
- Do not mix with other products.
- Before switching products, rinse the dispensing system, including intake hoses, with water.
- Please 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 provided with Miele Professional lab washers should be observed at all times.
- 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.

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#### Technical data:


- Density (20 °C): approx. 1.5 g/cm<sup>3</sup>
- pH value (determined using fully demineralised water at 20 °C) 2 - 4 ml/l: approx. 11.6 - 11.8

#### Ingredients:

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

- 15 % - 30 % phosphates

#### Storage information:

- Storage temperature: -15 °C to 30 °C
- Can be used for up to 3 years if stored correctly.
- Use by: specified on the label next to the symbol 

#### Warning and safety notes:

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

Dispose of containers only when empty and sealed. See safety data sheet regarding disposal of residual agent.

All information contained in this leaflet is current and correct to our knowledge and experience. This does not however release users from the obligation to conduct their own checks and tests.

A legally binding assurance of specific product properties cannot be inferred from this.

#### Available packaging units and accessories

Designation	Packaging unit	Mat. no.
<i>ProCare Lab 10 MA</i>	5 l canister	10265670
<i>ProCare Lab 10 MA</i>	10 l canister	10265680
Canister key	for 5 l and 10 l canisters	9066810

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