ALKALINE CLEANER

MCL B

Premium Detergent for Cleaning Highly-Pigmented Personal Care Products

High-performance liquid alkaline detergent to remove pigmented soils in one step, for use in the cosmetics industry.

Why MCL B?

Effective

Thanks to its strong dispersing character, MCL B is highly effective for the removal of pigment and mineral containing soils, such as foundations, sunscreens, face masks, etc.

No additives needed

Designed to be used as a single detergent, MCL B is operator friendly and avoids the need of using a different dosing pump.

Documentation package

- Certificate of Analysis
- Residue test method
- Ecological assessment
- Toxicological and limit setting information
- Safety Data Sheet

Subject to incoming goods control			
Appearance	Clear to Light Yellow	**Density**	1.15 kg/L - 9.6 lb/gal
1% Solution pH	10 - 12		

Properties		
Concentrate	**Storage stability**	14°F - 104°F / -10°C - 40°C
	Frost resistance	Freeze / Thaw Stable
Application solution	**pH**	pH of 10 - 12 at use dilution
	Conductivity	2.79 mS/cm (1%, 77°F / 25°C in demineralized water)
	Foam behaviour	Low foam
Material compatibility	**Metals**	MCL B is, under the application described below, compatible with: Steel, austenitic CrNi steels (quality at least AISI 304)
	Plastics	MCL B is, under the application described below, compatible with: EPDM, Silicone, Teflon, Viton, Kynar 460, PP, PVC, and EVA

ECOLAB®

GLOBAL EXPERTS IN CONTAMINATION CONTROL

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Application

Mode of application	**Automated cleaning (homogenizers, pipelines, tanks, parts washers)** **Concentration:** 1 - 6% **Temperature:** 50°C - 80°C **Contact time:** dependent on degree and nature of soiling Maxi is suitable for the cleaning of vessels which are not attached to a CIP system. The vessel is flooded with the cleaning solution and agitated using the stirrer. First rinse should be with hot process water (min. 50°C), the final rinse should be with cold water of minimum drinking water quality, ensuring that all soil and product residues are removed. Concentration, temperature and cleaning time can be optimized by evaluation of respective cleaning trials.

Monitoring

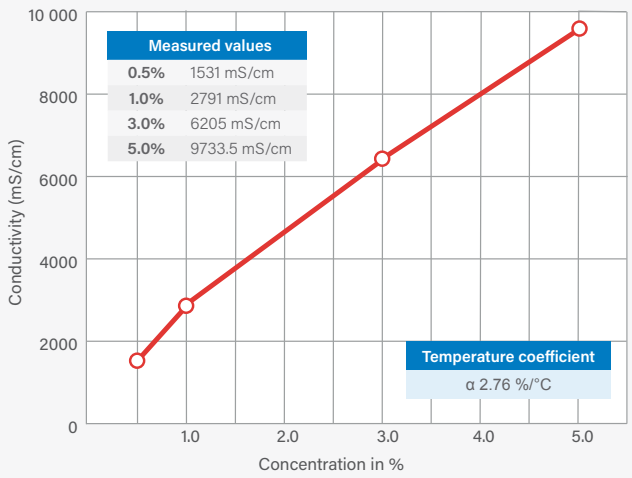
Titration	Test Kit 501 or Test Kit 301 - Alkaline Test Kit

Ecological evaluation

Evaluation	◥ After use application solutions can be discarded in communal water treatment systems ◥ Phosphate-free ◥ EDTA- / NTA-free ◥ Consider maximum permissible limits for pH-values
P-content	Formula ingredients contain not more than 4.0% Phosphorus, 0.4 g/L, (1.5 g/US gal) of average recommended use concentration.

The complete Ecological Evaluation is available on the Cleaning Validation website **www.ecolab-cleaning-validation.com**

Specific conductivity (25°C, 0 °dH)



Safety

The relevant hazard identifications are given in the Safety Data Sheet available at www.ecolab.com/sds-search. For further information, please contact your Ecolab representative.

A Toxicological Hazard Assessment is also available on the Cleaning Validation website **www.ecolab-cleaning-validation.com**

Product ordering information

Unit of sale	Compliant sales location	Order code
5 gal	EN, ES, FR	6600271
55 gal	EN, ES, FR	6600272
304 gal	EN, ES, FR	6600273

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