

elma lab clean A10 (ELC A10)

**MILDLY-ALKALINE FOAM-INHIBITED CLEANING CONCENTRATE FOR THE
DIP & SPLASH CLEANING OF INSTRUMENTS IN LAB'S & WORKSHOPS**

Description

Suitable for labware and instruments from metal, glass, ceramic and plastic materials, glassware.

Check aluminium, magnesium and generally alloys of light-metals before application.

Removes gentle markings, labels lime soap deposits (prevents from its redeposition), greases and oils - incl. greases for ground-glass joints and weakly resinified greases, fingerprints and dust.

Application and dosage

Ultrasonic bath: ~1 vol%, at 50 - 75 °C.

Splash cleaning: ~0.5 vol%, well above 55°C only.

In both cases tap or deionised water can be used preparing the cleaning solution. Milkyness of cleaning solution by heating does not reduce the cleaning performance.

Rinse the parts after cleaning and dry.

Safety recommendations

elma lab clean A10 (ELC A10) is classified as hazardous according to the regulation (EC) No 1272/2008 [GHS] (skin irritation, serious eye damage, corrosive to metals [aluminium and light metals]). Observe also with respect to this the hints indicated in the Safety Data Sheet and always handle chemicals with care.

Physical-chemical Characterisation

Density: ~1.08 g/ccm, pH (concentrate): ~11.4.

Ingredients according to Annex VII A, EC-Regulation 648/2004 (detergents): 5-15% amphoteric surfactants, 5-15% non-ionic surfactants, <5% phosphates, <5% polycarboxylates.

Disposal

The surfactants in our product meet the criteria for biodegradation as laid down in Annex III of the Regulation (EC) No 648/2004 on detergents.

The cleaning bath can be fed into the public sewage system after neutralisation; observe the local pH limit values and make sure that the contamination contained complies with the local sewage regulations.

Neutralisation: acetic or citric acid in an ultrasonic bath – do not use hydrochloric or sulphuric acid there.

European waste code: 20 01 29*, „detergents containing dangerous substances“.

Volumes and storage

Available volumes: 1 litre PE-bottle; 2.5 litre, 10 litre and 25 litre HDPE-can.

Store in closed original container at a temperature between +5°C and +30°C, protected from heat and direct solar radiation. After subcooling shake before use.

Shelf life: 3 years from date of production (see stamp on label).

Classification for all means of transport: class 8, UN 1814.



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