

elma lab clean S10 (ELC S10)

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

Description

Suitable for labware and instruments from metal (incl. aluminium and its alloys), glass, ceramic and plastic materials.

Check magnesium alloys and acid-sensitive glassy materials before application.

Removes gentle deposits of lime scales & lime soaps and prevents from their redeposition; aqueous cooling emulsions from mechanical treatments, light mineral greases and oils (remove animal & vegetable oils & fats using alkaline cleaner before), 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 soln. by heating does not reduce the cleaning performance.

Rinse the parts after cleaning with water and dry.

Surfaces sensitive against rusting should be rinsed using the corrosion protection additive *elma-KS*, ~0.1 vol%, and blowed off or dried immediately.

Hotline for application consulting

Working days: Tel. ++49 (0) 7731 882-287. Email: chemlab@elma-ultrasonic.com

Safety recommendations

The concentrate is classified as Irritant (Xi, R41-37/38) according to the German regulations on dangerous substances / EC directives. Observe the hints indicated in the Safety Data Sheet. Always handle chemicals with care.

Physical-chemical Characterisation

Density: ~1.05 g/ccm, pH (concentrate): ~2.5, pH (1% solution): 4.5.

Ingredients according to Annex VII A, EC-Regulation 648/2004 (detergents): 15-30% 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.

Recommendation: use lime or soda lye for neutralisation.

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

Volumes, storage and transport

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. Do not store with alkalis and oxidizing agents.

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

Classification for all means of transport: no hazardous material.

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