

elma lab clean A25 (ELC A25)

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

Description

Suitable for labware and medical instruments from metal, glass, ceramic and plastic materials. Not for aluminium, magnesium, alloys of light-metals and alkali-sensitive glassware.

Removes markings, labels, greases from ground-glass joints; resinified & tarry residues; lime soap deposits and prevents from its redeposition; blood, saliva; protein-, bone- & tissue-residues; fats/greases and oils, polishing & grinding residues; fingerprints and dust. For strong/thick tarry residues the alkalinity of the cleaning solution may be amplified by the addition of potassium hydroxide or sodium hydroxide.

Application and dosage

Ultrasonic bath: 1 - 2 vol%, at 50 - 75°C. Splash cleaning: 0.5 - 1 vol%, well above 55°C only.

Tap or deionised water can be used preparing the cleaning solution.

Removal of *still fresh* blood, saliva or protein residues below 42°C recommended.

Milkyness of heated cleaning solution does not reduce the cleaning performance.

Rinse the parts after the cleaning and then dry.

Hotline for application consulting

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

Safety recommendations

The concentrate is classified as Corrosive (C, R35) 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: ~1.14 g/ccm, pH (1 % aqueous solution): 12. 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, 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. After subcooling shake before use. Do not store with acids.

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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