

elma clean 300 (EC 300)

LIQUID ALKALINE CLEANING CONCENTRATE

**FOR THE CLEANING OF GLASS (OPTICAL, SPECTACLES),
CERAMICS AND OF MEDICAL EQUIPMENT (PROSTHESES);**

FOR THE USE IN ULTRASONIC IMMERSION BATHS AND FOR SPLASH CLEANING.

Description

Suitable for: Cleaning before coating of organic and alkali-proof inorganic glasses and for the final cleaning of moulds and other high-precision optical glasses. Also for lead glass, quartz, porcelain, plastics and ceramics and pieces set in metal frames (steel, iron metals, titanium). Check light metal alloys (Al, Mg) and zinc alloys for compatibility before use.

For the removal of: Dust and fingerprints, traces of oil, grease. Traces of silicone oil.

Application and dosage

0.5 - 5 mass%, 40 - 70°C, 2 - 10 min in an ultrasonic bath.

Good for splash cleaning if used with foaming inhibitor *elma nonfoam 1* at 1/10 of the *EC 300* concentration. At 0.1 - 0.5 mass%, 50 -70°C, *EC 300* can be used for splash cleaning without *elma nonfoam 1*.

Hotline for application consulting

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

Safety recommendations

elma clean 300 (EC 300) is classified as Irritant (Xi, R36/38) according to the German regulations on dangerous substances / EC directives. Observe the hints indicated in the Safety Data Sheets. Always handle chemicals with care.

Physical-chemical characterisation

Density: 1.42 g/ccm, pH (1% solution): 11.7. Ingredients according to Annex VII, A, EC-Regulation 648/2004 (detergents): <5% anionic surfactants, <5% non-ionic surfactants, 15-30% phosphates, 5-15% NTA. Does not contain silicates.

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 neutralization; observe the local pH limit values and make sure that the contamination contained complies with the local sewage regulations.

For neutralization we recommend: for 1 kg of the concentrate use approx. 130 ml 60% acetic or approx. 130 g water-free citric acid in an ultrasonic bath – do not use hydrochloric or sulphuric acid in ultrasonic bathes!

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

Volumes, storage and transport

Available volumes: 35kg (25 liter) can, 280kg (200 liter) barrel.

Store only in tightly closed original container at a temperature between 5 and 25°C. Do not store with acids. Protect from direct solar radiation.

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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