

# **elma clean 10 (EC 10)**

## **ALKALINE CLEANING CONCENTRATE UNIVERSAL CLEANER**

### **Description**

Suitable for the thorough ultrasonic cleaning of medical and dental instruments and laboratory equipment made of glass, steel, plastics, ceramics.  
Cleans also crowns, stainless-steel dental impression trays.

Not suitable for aluminum, zinc or light metal alloys.

Removes blood, saliva, protein- and bone residuals; fats, oils, grinding and polishing pastes.

### **Application and dosage**

Dosage for ultrasonic and immersion bathes: 5% in water, a higher concentration might be required for stronger contamination.

Cleans best at a temperature of 50 – 80°C, (remove fresh proteins and fresh blood in cold solution to prevent coagulation).

Cleaning time: 4 – 10 min in ultrasonic bath, 15 – 30 min without ultrasound.

After cleaning, rinse under running water.

### **Hotline for application consulting**

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

### **Safety recommendations**

The concentrate is classified as Corrosive (C, R34) 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: 1045 g/l, pH (concentrate): 12 – 12,5 in original state.

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

### **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 solution can be fed into the sewage system after use; check the contamination contained in the used solution (observe local sewage regulations).

Recommendation: use acetic acid or citric acid for neutralisation in the ultrasonic bath but not hydrochloric or sulphuric acid there.

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

### **Volumes, storage and transport**

Available volumes: 1l, 2.5l, 10l and 25l.

Store in original container at a temperature above +5°C. Do not store together with acids.

Shelf life: 5 years from date of production (see stamp on label).

Classification for all means of transport: class 8, UN 1824.

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