

## **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 and for plastics that are susceptible for stress cracking (e.g. ABS or PC).

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

#### **Application and dosage**

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

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.

#### **Safety recommendations**

*EC 10* 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 advices indicated in the Safety Data Sheet and always handle chemicals with care.

#### **Physical-chemical characterisation**

Density: 1.05 g/ml, 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.

#### **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 used cleaning solution can be fed into the sewage system after neutralization; 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.

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

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

Available volumes: 1 litre PE-bottle; 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 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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