

# EC 95

## CLEANING CONCENTRATE FOR JEWELLERY AND WATCH PARTS

*Intensive cleaning with brightening effect*

### Description

EC 95 is an aqueous, alkaline cleaning concentrate without ammonia for jewellery and watch parts (cases, straps, clasps) to remove polishing pastes and general contamination. Applicable in immersion bath with or without ultrasound for precious metals, stainless steel, non-ferrous metals, costume jewellery and jewellery with hard stones. There is a brightening effect on precious metals and non-ferrous metals. Removes grease, sweat, emulsions, finger prints and dust.

Soft stones (for example turquoise, lapis, amber) have to be tested before use of EC 95. When cleaning soft stones do not use ultrasound with frequency  $\leq 65$  kHz. Not suitable for corals and pearls!

Aluminium, zinc and light metal alloys have to be tested for resistance. When cleaning coloured aluminium bezels, colour changes may occur.

### Application and dosage

Dosage: Ultrasonic bath: 2 % or up to 4 % if required; immersion bath: 5-10 % in water.

Cleaning time 2-5 minutes at 25-75 °C; 5 °C above the softening point of the polishing paste, respectively; without ultrasonics the cleaning takes more time.

After cleaning, rinse thoroughly with cold water and dry.

### Safety recommendations

EC 95 is classified as hazardous according to the regulation (EC) No 1272/2008 [GHS] (skin corrosive and serious eye damage, respiratory irritant effect, corrosive to metals [aluminium and light metals], hazardous to the aquatic environment). Observe also with respect to this the hints indicated in the Safety Data Sheet and always handle chemicals with care.

### Physical-chemical characterisation

Density: 1.05 g/ml; pH (concentrate): ~11,5; pH (2% soln.): 10.

Ingredients according to Annex VII, A, EC-Regulation 648/2004 (detergents): 5-15% anionic surfactants, 15-30% non-ionic surfactants, <5% amine-soaps.

### 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 sewage system after neutralisation; check the contamination contained in the used cleaning bath (observe local sewage regulations).

Recommendation: use acetic acid or citric acid for neutralisation in an ultrasonic bath – do not use hydrochloric or sulphuric acid!

European waste code: 20 01 29\*, „detergents containing dangerous substances“; 07 06 04\*, „other organic solvents, washing liquids and mother liquors“.

### Volumes, storage and transport

Available volumes: 1 litre PE-bottle; 2.5 litre, 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. Store in a dry place. Do not store with acids or oxidizing agents.

Shelf life: 2 years from date of production (see stamp on label).

Classification for all means of transport: class 8, UN 2491.

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