

## EC 95

### 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 baths 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 an ultrasound 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

- 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 - chronic category 3).

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, Regulation (EC) No 648/2004 on 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 used cleaning solution can be fed into the public sewage system after neutralisation; observe the local pH limit values and make sure that the contamination contained in the used cleaning solution complies with the 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 l PE-bottle [REF 8000660](#), 2.5 l HDPE-can [REF 8000662](#), 5 l HDPE-can [REF 8000665](#), 10 l HDPE-can [REF 8000667](#) and 25 l HDPE-can [REF 8000670](#).
- 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 lot on label).
- Classification for all means of transport: class 8, UN 2491.

### Accessories

- Tap (outlet tap): for 5 / 10 l cans [REF 8000003927](#) • for 25 l can [REF 8000003928](#).
- Dosing cup: 250 ml vol./5 ml-scale [REF 8000643](#) • 1000 ml vol./10 ml-scale [REF 8000647](#).