

elma ultra clean

Description

elma ultra clean is a cyanide-free, mildly alkaline cleaning concentrate for the gentle cleaning and brightening of jewellery made from gold or platinum/iridium and stones in immersion baths with or without ultrasound.

Removes grease, sweat, polishing media, emulsions, finger prints and dust. The concentrate has a brightening effect on alloys with gold.

Not suitable for corals, check pearls for compatibility before use. When cleaning soft stones (turquoise, lapis, amber, pearls) do not use ultrasonic frequency ≤ 50 kHz.

Application and Dosage

- Ultrasonic bath:
Dosage: 5.0-10.0 % in water • Temperature: 30-60 °C • Cleaning time: 2-10 min.
- When applied without heat and ultrasound the cleaning time is longer.
- After cleaning, rinse thoroughly and dry.

Safety Recommendations

elma ultra clean is classified as hazardous according to the Regulation (EC) No 1272/2008 [GHS] (serious eye damage, skin sensitiser).

Observe also with respect to this the hints indicated in the safety data sheet and always handle chemicals with care.

Physical-chemical characterisation

- Density: 1075 g/l • pH (concentrate): 12.0 • pH (5 % solution): 10.3.
- Ingredients according to Annex VII, A, Regulation (EC) No 648/2004 on detergents:
<5 % anionic surfactants, 5-15 % non-ionic surfactants, perfumes, 2-bromo-2-nitropropane-1,3-diol (~9 ppm).
- Does not contain silicates or 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 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. For neutralisation we recommend: use acetic or citric acid in an ultrasonic bath – do not use hydrochloric or sulphuric acid there.

European waste code: 07 06 04*, "other organic solvents, washing liquids and mother liquors".

Volumes, Storage and Transport

- Available volumes: 1 l PE-bottle [REF](#) 5816700000, 5 l HDPE-can [REF](#) 5816800000, 10 l HDPE-can [REF](#) 5816900000 and 25 l HDPE-cans [REF](#) 8000450.
- Store in closed original container only at a dry, cool and ventilated place; at a temperature between +5 °C and +30 °C, protected from heat and direct solar radiation. Do not store with oxidizing agents.
- Shelf life: 3 years from date of production (see lot on label).
- Classification for all means of transport: no hazardous material.

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.