

## elma super clean

### Description

**elma super clean** is an aqueous, mild cleaning concentrate with ammoniac for the gentle cleaning and brightening of jewellery in immersion baths with or without ultrasound. Suitable for gold and silver and jewellery with hard stones. There is a brightening effect on precious metals and alloys, respectively. Removes grease, sweat, emulsions, finger prints and dust.

Soft stones, e.g. turquoise, lapis lazuli, amber, have to be checked before use of **elma super clean**. When cleaning soft stones do not use an ultrasound  $\leq 50$  kHz. Not suitable for corals!

### Application and Dosage

- Ultrasonic bath: Dosage: 3 - 10 % in water • Temperature: room temperature • Cleaning time: 3-5 min.
- Without ultrasound the cleaning time is longer with a required dosage up to 10 - 20 %.
- After cleaning, rinse thoroughly and dry.

### Safety Recommendations

**elma super clean** is not classified as hazardous according to the Regulation (EC) No 1272/2008 [GHS]. Observe the hints indicated in the safety data sheets. Always handle chemicals with care.

### Physical-chemical characterisation

- Density: 0.99-1.00 g/ml • pH (concentrate): about 10.5.
- Ingredients according to Annex VII, A, Regulation (EC) No 648/2004 on detergents: <5 % anionic surfactants, <5 % non-ionic surfactants, perfumes.
- 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. 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 30, „detergents other than those mentioned in 20 01 29“.

### Volumes, Storage and Transport

- Available volumes: 1 l PE-bottle [REF](#) 5803200000, 2.5 l HDPE-can [REF](#) 8000410, 5 l HDPE-can [REF](#) 5803300000 and 10 l HDPE-can [REF](#) 5803250000.
- Store in closed original container at a temperature between -5 °C and +30 °C, protected from heat and direct solar radiation.
- Shelf life: 5 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.