

elma noble clean

Description

elma noble clean is an acidic cleaner for the immersion cleaning bath for deoxidizing and brightening jewellery made of gold, silver, platinum and their alloys. It brightens the jewellery within seconds. Available in an easy-to-handle 1 l wide-neck bottle or in larger volumes for refill; the bottle necks are wide enough to allow immersion of jewellery and cutlery.

The cyanide-free noble clean makes the highly toxic cyanide-containing jewellery cleaners superfluous. Applicable as ready-for-use immersion bath, for wiping and for ultrasonic cleaning. The temporary tarnish protection prevents from retarnishing for a long time.

Not suitable for soft stones, pearls or corals.

Application and Dosage

- Immersion bath: Immerse the jewellery in undiluted product for approx. 10-15 sec, observe cleaning result, if sufficiently brightened rinse with cold water and wipe with a dry cloth.
- Wiping: Apply a few drops on a cloth and wipe precious metal surfaces, such as candlesticks, lamps or bowls. Then rinse with cold water and wipe with a dry cloth.
- Ultrasonic bath: Dilute **elma noble clean** concentrate with water at a ratio of 1:1. Put the jewellery in the ultrasonic bath for approx. 30-45 sec, observe cleaning result and if sufficiently brightened rinse with cold water and wipe with a dry cloth.

Safety Recommendations

elma noble clean is classified as hazardous according to the Regulation (EC) No 1272/2008 [GHS] (category 2 reproductive toxicant, category 2 carcinogen: susceptible de provoquer le cancer, skin sensitiser, eye irritation, corrosive to 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: 1.022 g/ml • pH in delivery state: 1.2.
- Ingredients according to Annex VII, A, Regulation (EC) No 648/2004 on detergents: <5 % nonionic surfactants, <5 % phosphates (phosphoric acid), perfumes.

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.

From a dilution lower 15 % the concentrate is no longer classified as a hazardous substance. Then this solution can be released into the 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 lye or lime for neutralisation. The concentrate has to be disposed of as special waste according to official regulations.

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

Volumes, Storage and Transport

- Available volumes: 1 l wide-neck bottle [REF](#) 5810040000, 2.5 l HDPE-can [REF](#) 8000420, 5 l HDPE-can [REF](#) 5810050000, 10 l HDPE-can [REF](#) 5810060000 and 25 l HDPE-can [REF](#) 5810070000.
- Store in closed original container at a temperature between +5 °C and +30 °C, protected from heat and direct solar radiation. Do not store with alkalis. Provide acid-resistant floor.
- Shelf life: 4 years from date of production (see lot on label).
- Classification for all means of transport: class 8, UN 1805.

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.