

elma noble clean

JEWELLERY CLEANER

IMMERSION CLEANING BATH FOR DEOXIDIZING AND BRIGHTENING

Description

- The acid solution for the efficient cleaning of jewellery made of gold, silver, platinum and their alloys brightens the jewellery within seconds. 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.
- Available in an easy-to-handle 1 litre wide-neck bottle or in larger volumes for refill; the bottle necks are wide enough to allow immersion of jewellery and cutlery.
- 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 seconds, 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 seconds, observe cleaning result and if sufficiently brightened rinse with cold water and wipe with a dry cloth.

Hotline for application consulting

Working days: Tel. ++49 (0) 7731 882-287. Email: chemlab@elma-ultrasonic.com

Safety recommendations

elma noble clean is classified as Cancerogen Category 3: Limited evidence of a carcinogenic effect, Reproductive toxic Category 3, Irritant, Sensitising and Dangerous for the environment (Xn, R36-40-43-52/53-63) according to the German regulations on dangerous substances / EC directives. Observe the hints indicated in the Safety Data Sheet. Always handle chemicals with care.

Physical-chemical characterisation

Density: 1022 g/l, pH : 1.2 in delivery state.

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

The cleaning bath can be fed into the public sewage system after neutralisation; observe the local pH limit values and check the contamination contained in the used solution (observe local sewage regulations). Recommendation: use lye or lime for neutralisation.

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

Volumes, storage and transport

Available volumes: 1l, 2.5l, 10l and 25l. 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: 5 years from date of production (see stamp on label).

Classification for all means of transport: no hazardous material.

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