

ELMA RED 1:9

Description

ELMA RED 1:9 is a highly economical cleaning concentrate for the aqueous cleaning of watch movement parts and metal precision parts. It is used in watch cleaning machines or in ultrasonic cleaning baths.

Resinous oil is removed very gently and efficiently. Brass and gold alloys are brightened.

It can be used in the watch cleaning machines Elmasolvex SE and Elmasolvex RM as well as in all previous Elma watch cleaning machines, e.g. RM 90 and Super Elite with rotation and vibration procedures. **ELMA RED 1:9** must not be used in the Elmasolvex VA, because in this machine only solvent-based cleaners may be used!

Application and Dosage

- Dosage: Use 1 part concentrate with 9 parts of water (10 %) • Tap water and de-ionised water are suitable.
- Cleaning time: 3-10 min. depending on the grade of contamination.
- After the cleaning process the cleaned objects are rinsed with de-ionised water. For fast drying, the water is best displaced by treating the objects with SUPROL PRO, followed by air-drying.
- Should the solution become cloudy after prolonged use, the cleaning effect might be reduced. Prepare a fresh cleaning solution.

Safety Recommendations

ELMA RED 1:9 is classified as hazardous according to the Regulation (EC) No 1272/2008 [GHS] (skin irritation, eye irritation, narcotic effect, 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: 1.008 g/ml • pH (concentrate): ca.10.6 • pH (1:9 dilution ratio): ca. 9.7.
- Ingredients according to Annex VII, A, Regulation (EC) No 648/2004 on detergents:
<5 % anionic surfactants, 15-30 % ammonium soap.

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 for neutralisation in ultrasonic bathes: Use acetic acid or citric acid there – do not use hydrochloric or sulphuric acid there!

European waste code: 20 01 30, „detergents other than those mentioned in 20 01 29“.

Volumes, Storage and Transport

- Available volumes: 0.5 l bottle **REF** 5800100000 and 1 l bottle **REF** 5800200000 , 2.5 l can **REF** 8000327, 5 l can **REF** 5800300000, 10 l can **REF** 5800400000 and 25 l HDPE-can **REF** 5802500000.
- Store in closed original container only at a temperature above +5 °C, protected from heat and direct solar radiation. Store at a cool place. Do not store together with acids or alkalies.
- 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.