

# ELMA RED 1:9

## LIQUID CLEANING CONCENTRATE FOR WATCH MOVEMENT PARTS

### Description

*ELMA RED 1:9* is a highly economical cleaning concentrate for the aqueous cleaning of watch movement parts and metallic precision parts.

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

### Application and dosage

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

Dosage: Use 1 part concentrate with 9 parts of water (10%). Tap water and de-ionised water are suitable.

Cleaning time: 3-10 minutes, 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). Observe also with respect to this the hints indicated in the Safety Data Sheet and always handle chemicals with care.

### Physical-chemical characterisation

Density: 1008 g/l, pH: ca.10.6 (concentrate), pH: ca. 9.7 at 1:9 dilution ratio.

Ingredients according to Annex VII, A, EC-Regulation 648/2004 (detergents): <5% anionic surfactants, 15-30% ammoniumsoap.

### 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 diluted solution can be fed into the public sewage system after use; observe local pH limit values (if necessary neutralise with acetic acid or citric acid) and check the contamination contained in the used chemical (observe the local regulations).

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

### Volumes, storage and transport

Available volumes: 0.5 litre and 1 litre bottle; 2.5 litre, 10 litre and 25 litre HDPE-can.

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 alkalis.

Shelf life: 3 years from date of production (see stamp on label).

Classification for all means of transport: no hazardous material.



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