

## ***elma wf pro***

### **WATERLESS READY-FOR-USE CLEANING SOLUTION FOR CLOCKWORKS**

#### **Description**

*elma wf pro* is a non-aqueous cleaning solution, specially suited for the cleaning of disassembled & assembled clockworks in cleaning machines with and without ultrasound. It cleans, de-resinifies and brightens (desoxidates) mechanical precision parts. *elma wf pro* guarantees excellent cleaning results and gently treatment of the parts. Advantages: good compatibility with higher bath temperatures, ultrasonics, moisture as well as with different metallic materials resulting together in a longer service life.

#### **Application and dosage**

Dosage: pure, ready for use. Cleaning time: 2-10 min.

Fill the first container of the cleaning machine with *elma wf pro*. After the cleaning step the parts have to be rinsed, e. g. with *elma suprol pro*, specially suited to *elma wf pro*. For complete re-lubrication, a bath with *elma unimix* is recommended after the rinse step(s).

#### **Safety recommendations**

*elma wf pro* is classified as hazardous according to the regulation (EC) No 1272/2008 [GHS] (flammable, skin irritation, serious eye damage, narcotic effect, specific target organ toxicant (repeated exposure), aspiration toxicity, 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: 780 - 800 g/l. Flash point: 30-34 °C.

Waterless, ready-for-use solution, mixture of solvent with additiffs. Does not contain halogens like chlorine, fluorine, bromine or iodine.

Ingredients according to Annex VII, A, EC-Regulation 648/2004 (detergents): >30% aliphatic hydrocarbons, 15-25% aromatic hydrocarbons, <5% soap. 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.

#### **Disposal**

1. Disposal regulations same as for used oil / diesel / benzine. 2. Dispose via specialised disposal companies: European waste code: 14 06 03\*, „other solvents and solvent mixtures“. 3. Burn in suitable equipments, but according to official regulations. Transport in appropriate suitable containers.

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil or unmonitored into the environment.

#### **Volumes, storage and transport**

Available volumes: 2.5 litre, 10 litre and 25 litre can.

Keep in tightly closed original container at a dry, cool and ventilated place and protected from heat and direct solar radiation. Do not store at temperature above 25°C. Do not store together with oxidizing agents. Do not mix with other chemicals. Keep away from ignition sources.

Shelf life: 2 years from date of production (see stamp on label).

Classification for all means of transport: class 3, UN 3295.

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