

# EC 60

## LIQUID ACID CLEANING CONCENTRATE FOR INSTRUMENTS AND FOR LABORATORY AND WORKSHOP

### Description

Suitable for the acid cleaning of:

- medical/dental instruments, • laboratory instruments and • metallic workpieces, made of
- stainless-steel, • glass and • plastic materials.

Check light metal alloys with Al, Zn or Mg for compatibility before use. Risk of tarnishing when used for different metals in the same bath.

Especially deposits from unaccessible edges and joints are removed using ultrasound.

Removes metal oxides, mineral deposits and organic or chemical residues such as:

- lime and rust, rusty spots and flight rust caused by the autoclaving process,
- grey or brown deposits of disinfectants and dark or brown spots of blood residues on instruments after autoclaving,
- mineral oils and fats/greases.

If rust is noticed on instruments, please separate these instruments from all other instruments and clean immediately. This avoids contamination of other instruments. We recommend to clean medical instruments generally every 6 month using *EC 60*.

### Application and dosage

Dosage in ultrasonic bath: 1 – 10 % at a temperature of 40 – 70°C; in immersion bath without ultrasound >3%. After cleaning rinse with plenty of water and dry.

### Safety recommendations

*EC 60* is classified as hazardous according to the regulation (EC) No 1272/2008 [GHS] (skin corrosive and serious eye damage, corrosive to metals [aluminium and light metals]). Observe also with respect to this the hints indicated in the Safety Data Sheet and always handle chemicals with care.

### Physical-chemical characterisation

Density: 1450 g/l, pH <1 in original state. Ingredients according to Annex VII, A, EC-Regulation 648/2004 (detergents): <5% non-ionic surfactants, >30% phosphoric acid.

### 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 correctly diluted cleaning solution can be fed into the sewage system after use; check the contamination contained in the used solution. (Observe local pH and sewage regulations). Recommendation: use lime or soda lye for neutralisation.

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

### Volumes, storage and transport

Available volumes: 1 litre PE-bottle; 10 litre and 25 litre HDPE-can.

Do not store with alkalis. Provide acid-resistant floor. Store in closed original container at a temperature between -5°C and +30°C, protected from heat and direct solar radiation. Store in a dry place.

Shelf life: 5 years from date of production (see stamp on label).

Classification for all means of transport: class 8, UN 1805.

### Elma Schmidbauer GmbH

Gottlieb-Daimler-Str. 17, D-78224 Singen

e-mail: [info@elma-ultrasonic.com](mailto:info@elma-ultrasonic.com)

22.06.2016 / Version 2.1 / E:\PRODUKTINFO\englisch\word\_GB\P\_EC 60\_GB.docx

Tel.: +49 7731 882-0

Fax: +49 7731 882-266

[www.elma-ultrasonic.com](http://www.elma-ultrasonic.com)

