

elma clean 280 dip&splash (EC 280 d&s)

**LIQUID, ACID AND FOAM-INHIBITED CLEANING CONCENTRATE
FOR DIP- AND FOR SPLASH-CLEANING IN INDUSTRY & LABORATORY**

Description

Suitable for the acidic basic cleaning of lab-ware and workpieces made from stainless steel, glass, ceramics and plastic materials.

Not suitable for aluminium, check alloys of light metal alloys before use.

Attention: danger of tarnishing if different metals in the cleaning solution at the same time.

Removes metal oxides and mineral contaminations like rust, lime and flux residuals, good for decalcination. Removes mineral oils & greases.

Animal and vegetable oils & fats are to be removed with alkaline/neutral cleaners before.

Separate rusty instruments and clean them separately with EC 280 d&s before.

Brown and grey tarnish from disinfecting agents and tarnish from blood residuals treated together after sterilization are removed and the surface areas are brightened again.

Application and dosage

Dosage in ultrasonic bathes ~1 vol% with water, application temperature 40-70°C. Dosage for spray cleaning ~0.5 vol%, application well above 55°C only. Bathes without ultrasonics >2 vol%, for wiping applications use >50 vol% or nondiluted concentrate. Above ~ 40°C the cleaning solution becomes opaque, this does not affect the cleaning performance.

Rinse the cleaned surfaces thoroughly with water, then dry. For surfaces sensitive to formation of rust after cleaning add to the rinsing bath elma-KS, ~ 0.1 vol%, rinse and blow off or/and dry immediately.

Safety recommendations

elma clean 280 dip&splash (EC 280 d&s) is classified as hazardous according to the regulation (EC) No 1272/2008 [GHS] (skin corrosive and serious eye damage, acutely toxic: harmful, corrosive to metals [aluminium]). Observe also with respect to this the hints indicated in the Safety Data Sheet and always handle chemicals with care.

Physical-chemical Characterisation

Density: 1.32g/ccm, pH (concentrate): < 1.

Ingredients according to Annex VII, A, EC-Regulation 648/2004 (detergents): 15-30% 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 cleaning bath can be fed into the public sewage system after neutralisation; observe the local pH limit values and make sure that the contamination contained complies with the local 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: 2.5 litre, 5 litre, 10 litre and 25 litre HDPE-can.

Store in closed original container at dry place and at temperatures 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: class 8, UN 1805.

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