

elma tec clean S2

**LIQUID, ACID CLEANING CONCENTRATE
FOR INDUSTRY, LABORATORY AND WORKSHOP**

Description

Suitable for stainless steel, precious metals, glass, ceramics and selected plastics. Check plastics and other metals for resistance against corrosion and tarnish before use. Attacks the surface of light metals (Al, Mg and their alloys)!

Removes polishing media, lapping paste, mineral grease & oil, rust and lime. It derusts iron metal surfaces; also good for derusting, pickling and decalcifying.

Application and dosage

Dosage: 1 - 5 %, temperature 40 -70°C, duration 2 – 5 min with ultrasonics; without ultrasonics >3% with tap water. After use rinse thoroughly & dry immediately. In case of rusting materials use a rinsing bath water with 0.1% of *elma-KS* immediately after cleaning. *For pickling:* Dosage 1 – 5%, 5 – 10 min, with ultrasonics.

Hotline for application consulting

Working days: Tel. ++49 (0) 7731 882-287. Email: chemlab@elma-germany.com

Safety recommendations

The concentrate is classified as Corrosive (C, R34) according to the German regulations on dangerous substances / EC directives. Observe the hints indicated in the Safety Data Sheet. Always handle chemicals with care.

Physical-chemical Characterisation

Density: 1.45 g/ccm, pH (concentrate): <1.

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 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.

Neutralisation: for 1 liter concentrate use ~ 900 ml 50% lye of sodium hydroxide. European waste code: 20 01 29*, „detergents containing dangerous substances“.

Volumes and storage

Available volumes: 2.5, 10 and 25 litre can.

Do not store with alkalis. Provide acid-resistant floor.

Shelf life: 5 years from date of production (see stamp on label) at a temperature between -5 and 30°C.

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

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