

elma tec clean S2

Description

elma tec clean S2 is a liquid, acidic cleaning concentrate for industry, laboratory and workshop. Suitable for stainless steel, precious metals, glass, ceramics and selected plastics.

Removes polishing media, lapping paste, mineral grease and oil, rust and lime. It derusts iron metal surfaces. **elma tec clean S2** is also good for pickling and decalcifying.

Check plastics and other metals for resistance against corrosion and tarnish before use. Attacks the surface of light metals (Al, Mg and their alloys)!

Application and Dosage

- Ultrasonic bath: Dosage: 1 - 5 % with tap water • Temperature: 40-70 °C • Cleaning time: 2-5 min.
- Immersion bath: Dosage: >3 % with tap water.
- After use rinse thoroughly and 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.

Safety Recommendations

elma tec clean S2 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: 1,45 g/ml • pH (concentrate): <1.
- Ingredients according to Annex VII, A, Regulation (EC) No 648/2004 on detergents:
<5 % non-ionic surfactants, >30 % phosphates (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 used cleaning solution can be fed into the public sewage system after neutralisation; observe the local pH limit values and make sure that the contamination contained in the used cleaning solution complies with the local sewage regulations. Neutralisation: for 1 l concentrate use ~ 900 ml 50 % lye of sodium hydroxide.

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

Volumes, Storage and Transport

- Available volumes: 2.5 l HDPE-can [REF](#) 8000172, 10 l HDPE-can [REF](#) 8000171, 25 l HDPE-can [REF](#) 8000170 and 200 l barrel [REF](#) 8000173.
- 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. Do not store with alkalis. Provide acid-resistant floor.
- Shelf life: 4 years from date of production (see lot on label).
- Classification for all means of transport: class 8, UN 1805.

Accessories

- Tap (outlet tap): for 5 / 10 l cans [REF](#) 8000003927 • for 25 l can [REF](#) 8000003928.
- Dosing cup: 250 ml vol./5 ml-scale [REF](#) 8000643 • 1000 ml vol./10 ml-scale [REF](#) 8000647.