

elma tec clean A5

**ALKALINE ULTRASONIC CLEANER (POWDER)
FOR METALS, LIGHT METAL ALLOYS, RUBBER AND PLASTIC**

Description

Suitable for: metal, artificial and natural rubber surfaces; also suitable for gray cast iron and zinc die casting as well as for light metals.

Removes scaled or resinous oil and grease, wax, residual lacquer and paint.

Check magnesium alloys and coatings for compatibility before use. Not suitable for plastics that are not alkali-proof or that are susceptible for stress cracking.

Application and dosage

Dosage: 3 - max. 5 mass%, temperature: 50 - 80°C, duration: 3 - 10 min with ultrasonics. After cleaning rinse the surfaces thoroughly.

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, R34-37) according to the German regulations on dangerous substances / EC directives. Observe the hints indicated in the Safety Data Sheets. Always handle chemicals with care.

Physical-chemical characterisation

Bulk density: 0.92 g/ccm, pH (1% solution): ~12.

Ingredients according to Annex VII, A, EC-Regulation 648/2004 (detergents): <5% anionic surfactants, <5% non-ionic surfactants, >30% phosphates.

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.

For neutralisation we recommend: for 0.5 kg powder use approx. 890 ml 60% acetic acid or approx. 900 g water-free citric acid in an ultrasonic bath – do not use hydrochloric acid there !

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

Volumes, storage and transport

Available volume: 0.85 kg pot or 25 kg UN-approved cardboard drum.

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

Classification for all means of transport: class 8, UN 3253.

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