

# ***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**

3 - max. 5 % by weight, application: 50 - 80 °C, 3 - 10 min with ultrasonic.

Warm up water in the tank to at least 50 °C, start the ultrasonic, add powder slowly while constantly stirring.

After cleaning rinse the surfaces thoroughly.

## **Safety recommendations**

*elma tec clean A5* is classified as hazardous according to the regulation (EC) No 1272/2008 [GHS] (skin corrosive and serious eye damage, acutely toxic: harmful, respiratory irritant effect). Observe also with respect to this the hints indicated in the Safety Data Sheet and 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): 5-15% 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 *elma tec clean A5* add step by step approx. 230 g water-free citric acid to the ultrasonic bath – do not use hydrochloric or sulphuric 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.

Store in closed original container at a temperature between -5 °C and +30 °C, keep container dry and tightly closed. Do not store with acids.

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

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



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