

# ***elma tec clean A4***

**ALKALINE, UNIVERSALLY APPLICABLE CLEANING CONCENTRATE  
FOR LABORATORY AND WORKSHOP**

## **Description**

Universal cleaner for surfaces made of metal, glass, ceramics, plastics and rubber. Check light metal alloys of the type AlSiMg for compatibility before use. Removes oil, grease, combustion residues, soot and other organic contamination and dust. For most mineral oils and greases demulsifying. Also suitable for inspectional cleaning (carburetor and injection nozzles, PCB, protecting masks, toner cassettes of copiers and printers).

## **Application and dosage**

Dosage: 2 - 5% in water with ultrasonics, 50 - 80°C. After cleaning rinse thoroughly and dry the parts.

Can be combined with 0.1% *elma-KS* for temporary corrosion protection of rust-endangered parts. *elma-KS* can be added both to the cleaning and to rinsing bath.

## **Safety recommendations**

*elma tec clean A4* is classified as hazardous according to the regulation (EC) No 1272/2008 [GHS] (skin irritation, serious eye damage). Observe also with respect to this the hints indicated in the Safety Data Sheet and always handle chemicals with care.

## **Physical-chemical characterisation**

Density: 1.132 g/ccm, pH (concentrate): ~13.

Ingredients according to Annex VII, A, EC-Regulation 648/2004 (detergents): 5-15% anionic surfactants, <5% amphoteric surfactants, 5-15% 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 local sewage system after neutralisation; observe the local pH limit values and make sure that the contamination contained complies with the local sewage regulations. Neutralisation: acetic or citric acid in an 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 volumes: 2.5 litre, 10 litre and 25 litre HDPE-can.

Store in closed original container at a temperature between -5 and +30°C, protected from heat and direct solar radiation. Do not store with acids.

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

Classification for all means of transport: no hazardous material.

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02.09.2016 / (GB) Version 2.3

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