

elma clean 100 (EC 100)

**PULVERISED, SLIGHTLY ALKALINE CLEANING CONCENTRATE
FOR ULTRASONIC IMMERSION BATH**

Description

elma clean 100 (EC 100) is a pulverised, slightly alkaline cleaning concentrate and removes polishing pastes, grease and oil with ultrasonics.

It is suitable for surfaces made of steel, non-ferrous heavy metals, glass, ceramics and plastics.

Check the resistance of light metal alloys (Al, Mg) and any plastics for stress cracking resistance before use.

Application and dosage

Dosage: 2 - 5 Masse% in water, temperature: 50 - 80°C, duration: 3 - 10 min with ultrasonic.

Safety recommendations

elma clean 100 (EC 100) is classified as hazardous according to the regulation (EC) No 1272/2008 [GHS] (category 1B reproductive toxicant, acutely toxic: harmful, 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

Bulk density: 0,73 g/ccm, pH (5%ige solution): 9,5 – 9,8.

Ingredients according to Annex VII, A, EC-Regulation 648/2004 (detergents): >30% phosphates, 5-15% non-ionic surfactants. Does not contain silicates.

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 1 kg powder *elma clean 100 (EC 100)* use approx. 530 ml 60% acetic acid or approx. 545 g water-free citric acid in an ultrasonic bath – do not use hydrochloric or sulfuric acid !

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

Volumes, storage and transport

Available volumes: 25 kg UN-approved cardboard drum.

Store in tightly closed original container at a temperature between -5°C and 30°C; keep container dry. Do not store together with food or acids. Keep under lock and key or accessible only to specialists or people authorized by them.

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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