

elma tec clean A1

Description

elma tec clean A1 is a liquid, mildly alkaline ultrasonic cleaning concentrate suitable for the fine cleaning of glass and ceramic substrates in optics like glasses, optical assemblies (incl. framing) as well as for the precision cleaning of electro-mechanical ensembles and PCBs (also for cleaning for inspectional purposes of PCBs). Further on valid with good results for the cleaning and rebrightening of faded asings made from plastic materials and of faded lamella curtains.

The cleaner removes residues of light polishing suspensions, grease/oil, residues of activated fluxes (of RA-type), dust, fingerprints. Further on it removes residues from tea, coca cola, milk.

Application and Dosage

- Ultrasonic bath: Dosage: 3 -10 vol-% with water • Temperature: 40-80 °C (PCB's at ~ 65 °C)
 - Cleaning time: 3-10 min.

Safety Recommendations

elma tec clean A1 is classified as hazardous according to the Regulation (EC) No1272/2008 [GHS] (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: 1.018g/ml • pH (concentrate): ~10.6.
- Ingredients according to Annex VII, A, Regulation (EC) No 648/2004 on detergents:
 - 5-15 % anionic surfactants, <5 % non-ionic surfactants.
- Does not contain phosphates or 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 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. For neutralisation we recommend: use acetic or citric acid in an ultrasonic bath – do not use hydrochloric or sulphuric acid.

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

Volumes, Storage and Transport

- Available volumes: 2.5 l HDPE-can REF 8000102, 10 l HDPE-can REF 8000101, 25 l HDPE-can REF 8000100 and 200 l barrel REF 8000103.
- Store in closed original container at a temperature between +5 °C and +30 °C, protected from heat and direct solar radiation.
- Shelf life: 5 years from date of production (see lot on label).
- Classification for all means of transport: no hazardous material.

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.