

elma clean 225 (EC 225)

Description

elma clean 225 (EC 225) is a liquid, alkaline universal cleaning concentrate for surfaces made of metal, glass, ceramics, plastics and rubber. Also suitable for inspectional cleaning (carburetor and injection nozzles, PCB, protecting masks, toner cassettes of copiers and printers).

Removes oil, grease, combustion residues, soot and other organic contamination and dust. For most mineral oils and greases demulsifying.

Check light metal alloys of the type AlSiMg for compatibility before use.

Application and Dosage

- Ultrasonic bath: Dosage: 2 - 5 % in water • Temperature: 50-80 °C • Cleaning time: 3-5 min.
- After cleaning rinse thoroughly and dry the parts.
- Can be combined with 0.1 % elma-KS for temporary corrosion protection of rustendangered parts. elma-KS can be added both to the cleaning and to rinsing bath.

Safety Recommendations

elma clean 225 (EC 225) 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/ml • pH (concentrate): ~13.
- Ingredients according to Annex VII, A, Regulation (EC) No 648/2004 on 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 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. 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: 5 l HDPE-can [REF](#) 5815200000, 10 l HDPE-can [REF](#) 8000307, 25 l HDPE-can [REF](#) 5811800000 and 200 l barrel [REF](#) 5815300000.
- Store in closed original container at a temperature between -5 °C and +30 °C, protected from heat and direct solar radiation. Do not store with acids.
- 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.