

elma clean 75 (EC 75)

Description

elma clean 75 (EC 75) is a liquid, ammoniated cleaning concentrate for workshop and laboratory as well as for jewellery cleaning. It cleans and brightens precious metals, copper, brass and gems, gives new brilliance.

Reliably removes dirt, fat, grease, sweat, oxides, buffing compound, rouge, lapping residues, polishing paste, etc. Lights up jewellery and non-ferrous metals due to ammonia.

Zinc, aluminium and light metal alloys may be attacked - check before use! Not for soft gems like pearls, corals, lapislazuli, amber, opal etc.

Application and Dosage

- Ultrasonic cleaning bath: Dosage: 5 -10 % in water
 - Temperature: 20-50 °C (works also at room temperature, but slower) .
- Without ultrasonic cleaning bath: Dosage: 10 - 15 % in water • Temperature: 20-50 °C.
- Agitate workpieces, moving of pieces recommended.

Safety Recommendations

elma clean 75 (EC 75) is classified as hazardous according to the Regulation (EC) No 1272/2008 [GHS] (skin irritation, serious eye damage, narcotic effect, hazardous to the aquatic environment - chronic category 3).

Observe also with respect to this the hints indicated in the safety data sheet and always handle chemicals with care.

Physical-chemical characterisation

- Density: 0.99 - 1.00 g/ml • pH (concentrate): 10.5 - 11.
- Ingredients according to Annex VII, A, Regulation (EC) No 648/2004 on detergents:
5-15 % anionic surfactants, 5-15 % non-ionic surfactants, 5-15 % ammoniumsoap.

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: 1 l PE-bottle [REF](#) 5810500000, 2.5 l HDPE-can [REF](#) 8000361, 5 l HDPE-can [REF](#) 5810600000, 10 l HDPE-can [REF](#) 8000360 and 25 l HDPE-can [REF](#) 5810610000.
- Store in closed original container at a temperature between +5 °C and +35 °C, protected from heat and direct solar radiation. Store at a cool place. Do not store together with alkalis or strong 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.