

elma clean 85 (EC 85)

Description

elma clean 85 (EC 85) is a liquid neutral cleaning concentrate suitable for gentle cleaning of jewellery and assemblies made of metal (incl. light metal alloys and aluminium), plastic, ceramic, glass and rubber.

Removes oils, grease, grinding, lapping and polishing residues as well as dust and fingerprints and sweat.

Free of alkalis and acids, odorless and biodegradable.

Application and Dosage

- Ultrasonic bath: Dosage: 5 % with tap water • Temperature: 30-80 °C • Cleaning time: 1-5 min.
- Immersion bath: Dosage 10 % with tap water • Temperature: 50-80 °C • Cleaning time: ~30 min.
- For waxes etc. above softening temperature.
- Rinse workpieces after immersion with water and dry.
- Restrictions: Do not use ultrasonics with frequencies <80kHz for amorphous or soft stones as pearls, corals, lapis etc.

Safety Recommendations

elma clean 85 (EC 85) is not classified as hazardous according to Regulation (EC) No 1272/2008 [GHS].

Observe the hints indicated in the safety data sheet. Always handle chemicals with care.

Physical-chemical characterisation

- Density: 1.07 g/ml • pH (concentrate): ~9 • pH (concentration 1 %): 7 - 7.5.
- Ingredients according to Annex VII, A, Regulation (EC) No 648/2004 on detergents:
15-30 % anionic surfactants, <5 % non-ionic surfactants, 2-bromo-2-nitropropane-1,3-diol (~35 ppm).

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; observe the local pH limit values and make sure that the contamination contained in the used cleaning solution complies with the local sewage regulations.

European waste code: 20 01 30, „detergents other than those mentioned in 20 01 29“.

Volumes, Storage and Transport

- Available volumes: 1 l PE-bottle [REF](#) 5818400000, 5 l HDPE-cans [REF](#) 5818500000, 10 l HDPE-cans [REF](#) 8000370 and 25 l HDPE-cans [REF](#) 5818550000.
- Store in closed original container at a temperature between +5 °C and +30 °C, protected from heat and direct solar radiation. Store at a cool place.
- 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.