

elma clean 70 (EC 70)

Description

elma clean 70 (EC 70) is an alkaline, universally applicable cleaning concentrate for laboratories and workshops. It is suitable for laboratory instruments and work pieces made of glass, alkaline-resistant plastics, ceramics, rubber, metals as well as non-ferrous metals and light metals. Also excellent for cleaning breathing masks (personal protective equipment, no medical breathing masks).

It removes contaminations such as oils, fats and greases, dust, soot, cokings, etc.

Application and Dosage

- Ultrasonic bath: Dosage: 1 - 5 % in water • Temperature: 20-80 °C.
- Immersion bath: Dosage: 5 - 10 %.
- After cleaning, rinse items thoroughly and dry.

Safety Recommendations

elma clean 70 (EC 70) 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 tensides, <5 % amphoteric tensides, 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. For neutralisation we recommend: use acetic or citric acid in an ultrasonic bath – do not use hydrochloric acid or sulphuric acid there!

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

Volumes, Storage and Transport

- Available volumes: 1 l PE-bottle [REF](#) 5810300000, 5 l HDPE-can [REF](#) 5810400000, 10 l HDPE-can [REF](#) 8000465 and 25 l HDPE-can [REF](#) 5810410000.
- 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.