

## elma clean 305 (EC 305)

### Description

**elma clean 305 (EC 305)** is a liquid, alkaline cleaning concentrate for the cleaning of optical glass. Suitable for cleaning of organic and inorganic alkali-proof spectacles, moulds and highprecision optics, gemstones, quartz, ceramics and selected plastics. Also for steel, iron steel and titanium surfaces.

For the removal of resin, putty/glue, adhesives and traces of selected organic plastics from moulds (e.g. CR 39).

Check plastics for compatibility before use. Do not use for light metal (Al, Mg), zinc and tin surfaces.

### Application and Dosage

- Ultrasonic bath: Dosage: 10 - 50 % in water • Temperature: 60-85 °C • Cleaning time: 5-20 min.

### Safety Recommendations

**elma clean 305 (EC 305)** is classified as hazardous according to the Regulation (EC) No 1272/2008 [GHS] (skin corrosive and serious eye damage, corrosive to metals [aluminium and light metals]).

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

### Physical-chemical characterisation

- Density: 1.07 g/ml • pH (1 % solution): 12.
- Ingredients according to Annex VII, A, Regulation (EC) No 648/2004 on detergents:  
<5 % amphoteric surfactants, <5 % phosphates.
- Does not contain 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 neutralization we recommend: for 1 kg of the concentrate use approx. 90 ml 60 % acetic or approx. 85 g water-free 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: 5 l HDPE-can [REF](#) 5805100000, 10 l HDPE-can [REF](#) 8000315 and 25 kg HDPE-can [REF](#) 5811400000.
- Store in closed original container at aired place and at a temperature between +5 °C and +25 °C, protected from heat and direct solar radiation. Do not store with acids.
- Shelf life: 3 years from date of production (see lot on label).
- Classification for all means of transport: class 8, UN 1814.

### 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.