

elma clean 275 dip&splash (EC 275 d&s)

Description

elma clean 275 dip&splash (EC 275 d&s) is a strongly alkaline, foam-inhibited cleaning concentrate for dip and splash cleaning in industry and laboratory. Suitable for lab-ware made of metal (including titanium), glass, ceramic and plastic. Removes grease, oil, polishing and grinding residues, markings, labels, grease from ground-glass joints, resinified and tarry residues, lime soap deposits (prevents from their redeposition), blood, saliva, protein-, bone- and tissue residues, fingerprints and dust. For strong/thick tarry residues the alkalinity of the cleaning solution may be amplified by the addition of potassium hydroxide or sodium hydroxide.

Not for aluminium, magnesium, alloys of light metals and alkali-sensitive glassware. Risk of tarnishing (dark discoloration) when used for non-ferrous heavy metals (copper, brass and other copper alloys).

Application and Dosage

- Ultrasonic bath: Dosage: 1 - 2 vol-% in tap or deionised water • Temperature: 50-75 °C.
- Splash cleaning: Dosage: 0.5 - 1 vol-% in tap or deionised water • Temperature: well above 55 °C only.
- Removal of still fresh blood, saliva or protein residues below 42 °C is recommended.
- Milkyness of heated cleaning solution does not reduce the cleaning performance.
- Rinse the parts after the cleaning and then dry.

Safety Recommendations

elma clean 275 dip&splash (EC 275 d&s) 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: ~1.14 g/ml • pH (1 % aqueous solution): 12 - 12.5.
- Ingredients according to Annex VII A, Regulation (EC) No 648/2004 on detergents:
5-15 % amphoteric surfactants, 5-15 % non-ionic surfactants, <5 % phosphates, <5 % polycarboxylates.

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: 2.5 l HDPE-can [REF 8000080](#), 5 l HDPE-can [REF 8000540](#), 10 l HDPE-can [REF 8000081](#), 25 l HDPE-can [REF 8000082](#) and 200 l barrel [REF 8000083](#).
- 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.
- After subcooling shake before use.
- 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](#).