

elma-netz HT 1

Description

elma-netz HT 1 lowers the surface tension of rinsing water and is a liquid, mildly alkaline wetting additive added to deionized or demineralized water for better rinsing. This makes **elma-netz HT 1** suitable as a rinsing support for the complete removal of cleaning agents from surfaces with complicated geometries as capillaries, small slits, small blind holes a.s.o. – i.e. with surface areas not accessible for pure water.

The product is compatible with glass, metal, ceramic and plastic surfaces. The product is recommended especially before the beginning of the rinsing steps with deionised water in final cleaning processes for geometrically complicated assemblies and for isolation of flat parts from each other, as for e.g. densely packed glassy plates or wafers. The product may be used up to 90 °C.

Application and Dosage

- Dosage for rinsing bathes ultrasonically supported:
0.1 - 0.5 vol-% with deionized or demineralised water • Temperature: 50-90 °C.
- If the product separates at the surface at higher temperatures it has to be diluted further.

Safety Recommendations rinsing

elma-netz HT 1 is classified as hazardous according to the Regulation (EC) No 1272/2008 [GHS] (skin irritation, eye irritation, corrosive to metals [aluminium]).

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

Physical-chemical characterisation

- Density: 1.10 g/ml • pH (0.5 % solution): 9 • pH (10 % solution): 10 - 11.
- Ingredients according to Annex VII, A, Regulation (EC) No 648/2004 on detergents:
15-30 % amphoteric surfactants.
- Does not contain silicates and 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 rinsing 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 rinsing solution complies with the local sewage regulations.

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

Volumes, Storage and Transport

- Available volumes: 1 l PE-bottle [REF 5820000000](#), 2.5 l HDPE-can [REF 8000322](#),
5 l HDPE-can [REF 5820800000](#) and 25 l HDPE-can [REF 5819900000](#).
- Store in closed original container and in a dry place at a temperature between +10 °C and +30 °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 1719.

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](#).