

## ***elma-netz HT 1***

**LIQUID MILDLY ALKALINE WETTING ADDITIVE  
TO DEIONIZED OR DEMINERALIZED WATER FOR BETTER RINSING**

### **Description**

The addition of *elma-netz HT 1* lowers the surface tension of rinsing water. 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 glassy, metallic, 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: 0.1 – 0.5 vol% with deionized or demineralised water for rinsing bathes ultrasonically supported. If the product separates at the surface at higher temperatures it has to be diluted further.

Rinsing temperature: 50 - 90 °C.

### **Safety recommendations**

*elma-netz HT 1* is classified as hazardous according to the regulation (EC) No 1272/2008 [GHS] (skin irritation, eye irritation, skin sensitiser, 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/ccm, pH(0.5% solution): 9, pH(10% solution): 10 – 11.

Ingredients according to Annex VII, A, EC-Regulation 648/2004 (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 rinsing solution can be fed into the local sewage system, making sure that eventual further contaminations brought into the rinsing solution comply with the local sewage regulations.

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

### **Volumes and storage**

Available volumes: 1 litre PE-bottle; 2.5 litre, 5 litre, 10 litre and 25 litre HDPE-can. 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 stamp on label).

Classification for all means of transport: class 8, UN 1719.



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