

# ***elma clean 85 (EC 85)***

## **NEUTRAL JEWELLERY CLEANING CONCENTRATE**

*works very gentle*

### **Description**

For jewellery manufacture and restoration of worn jewellery. Cleans quickly precious metals and gems.

Reliably removes dirt, fat, grease, sweat, cosmetic residues and soap, lapping residues, polishing paste, buffing compound.

- Free of alkalies and acids.
- Biodegradable.
- Without smell.
- Harmless to the skin, an important factor in the jeweller's workshop.

### **Application and Dosage**

With Ultrasonic Cleaning Bath: Dosage: 5%. Time: 1 – 5 min.

Temperature: 30°C – 60°C; works also at room temperature, but slower.

Without Ultrasonic Cleaning Bath: Dosage: 10%. Time: 10 – 30 min.

Temperature: 50°C – 75°C. Agitate workpieces, moving of pieces recommended.

**Restrictions:** Do not use ultrasonics with frequencies  $\leq 50$ kHz for amorphous or soft stones as pearls, corals, lapis etc. Rinse workpieces after immersion with water and dry.

### **Safety recommendations**

*elma clean 85 (EC 85)* is not classified as hazardous according to Regulation (EC) No 1272/2008 [GHS]. Observe the hints indicated in the Safety Data Sheets. Always handle chemicals with care.

### **Physical-chemical characterisation**

Density: 1070 g/l, pH: ~9. pH: 7 – 7.5 with concentration 1%.

Ingredients according to Annex VII, A, EC-Regulation 648/2004 (detergents): 15-30% anionic surfactants, <5% non-ionic surfactants, 2-Bromo-2-nitropropane-1,3-diol ( ~35 ppm ).

### **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 cleaning bath can be fed into the public sewage system; observe the local pH limit values and make sure that the contamination contained complies with the local sewage regulations.

European waste code: 20 01 30, „detergents other than those mentioned in 20 01 29“.

### **Volumes, storage and transport**

Available volumes: 1 litre bottle; 10 litre and 25 litre HDPE-can; 200 litre barrel.

Store in closed original container at a temperature above +5°C, protected from heat and direct solar radiation. Store at a cool place.

Shelf life: 5 years from date of production (see stamp on label).

Classification for all means of transport: no hazardous material.

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