

elma clean 124 (EC 124)

LIQUID, ALKALINE CLEANING CONCENTRATE
For metal- and plastic surfaces

Description

elma clean 124 (EC 124) is suitable for the cleaning of many metal surfaces (steel, coloured metals, etc.) as well as for selected plastics and rubber surfaces.

elma clean 124 (EC 124) removes lapping and polishing pastes as well as scale after heat treatments, scaled and resinified oil and grease, wax (when used at corresponding temperature) and residuals of lacquer and paint.

EC 124 also removes metal oxide layers after coating from stainless steel and alkali-proof glass surfaces.

Not suitable for aluminium and its alloys; check plastics and magnesium for compatibility before use.

Application and dosage

Dosage: 4 - 6 mass%, cleaning temperature: 50 - 90°C. Cleaning time: 3 - 10 min in an ultrasonic bath.

Thoroughly rinse pieces with water and dry.

Suitable for recycling of the cleaning bath with oil separator and/or membrane filtration.

Safety recommendations

elma clean 124 (EC 124) is classified as hazardous according to the regulation (EC) No 1272/2008 [GHS] (skin corrosive and serious eye damage, acutely toxic: harmful, 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: 1.30 g/ccm, pH (concentrate): 14, pH (1% solution): 12.5 .

Ingredients according to Annex VII, A, EC-Regulation 648/2004 (detergents): <5% amphoteric surfactants, 5-15% non-ionic surfactants, 5-15% 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 cleaning bath can be fed into the public sewage system after neutralisation; observe the local pH limit values and make sure that the contamination contained complies with the local sewage regulations. Recommendation for neutralisation: For 100l of a solution with 1% *EC 124* use either about 340ml acetic acid (60%) or about 350g water-free citric acid. If neutralised 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: 10 litre, 25 litre HDPE-can.

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.

Shelf life: 3 years from date of production (see stamp on label).

Classification for all means of transport: class 8, UN 1814.

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