

## elma clean 205 (EC 205)

### Description

**elma clean 205 (EC 205)** is a liquid, pH-neutral rust-removing concentrate for the ultrasonic dip-derusting and suitable for the removal of rust from surfaces of ferrous and steel materials as well as for the removal of oxide layers from copper and its alloys. It is compatible with aluminium and plastic materials. **elma clean 205 (EC 205)** acts demulsifying.

Rust and other oxides will be removed from ferrous, steel and non-ferrous metals like copper or brass. After derusting rust-sensitive ferrous surfaces have to be protected against rusting, e. g. by elma-KS.

In general **elma clean 205 (EC 205)** removes light grease and oil as well as fingerprints and dust.

### Application and Dosage

- Ultrasonic dip-derusting: Dosage: 10 - 20 vol-% using tap water • Temperature: 50-80 °C • Cleaning time: 5-20 min.

### Safety Recommendations

**elma clean 205 (EC 205)** is not classified as hazardous according to Regulation (EC) No 1272/2008 [GHS].

Observe the hints indicated in the safety data sheet. Always handle chemicals with care.

### Physical-chemical characterisation

- Density: 1.164 g/ml • pH (concentrate): 5.6.
- Ingredients according to Annex VII, A, Regulation (EC) No 648/2004 on detergents:  
<5 % anionic surfactants, <5 % non-ionic surfactants, 15-30 % phosphonates.
- Does not contain phosphates and 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 used cleaning solution, dependent on eventually contained metal ions after desoxidation, can be fed into the public sewage system; observe the local regulations and make sure that the (heavy)metal ions and other contaminations brought in by the parts contained comply with the local sewage regulations.

European waste code: 11 01 99\*, „wastes not otherwise specified“.

Undiluted product: European waste code: 16 03 06, „organic wastes other than those mentioned in 16 03 05“.

### Volumes, Storage and Transport

- Available volumes: 1 l PE-bottle **REF** 8000344, 5 l HDPE-can **REF** 8000345 and 25 kg HDPE-can **REF** 8000343.
- Store in closed original container at a temperature between +5 °C and +30 °C, protected from heat and direct solar radiation.
- Shelf life: 3 years from date of production (see lot on label).
- Classification for all means of transport: no hazardous material.

### 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.