

## ***elma clean 205 (EC 205)***

**LIQUID, PH-NEUTRAL RUST-REMOVING CONCENTRATE  
FOR THE ULTRASONIC DIP-DERUSTING.**

### **Description**

*elma clean 205 (EC 205)* is suitable for the rust-removal from surfaces of ferrous and steel materials and for the removal of oxide-layers from copper and its alloys. It is compatible with aluminium and plastic materials. *EC 205* acts demulsifying. Rust and other oxides will be removed from ferrous, steel and nonferrous metals like copper or brass. After derusting rust-sensitive ferrous surfaces have to be protected against rusting, e. g. by *elma-KS*. In general *EC 205* removes light grease- & oil-contaminations and fingerprints as well as dust.

### **Application and dosage**

*Ultrasonic dip-derusting*: 50 - 80°C, 10 – 20 vol% using tap water; dipping 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 Sheets. Always handle chemicals with care.

### **Physicochemical characterisation**

Density: 1,164 g/ccm. pH (concentrate): 5.6.

Ingredients according to Annex VII, A, EC-Regulation 648/2004 (detergents): <5% anionic surfactants, <5% non-ionic surfactants, 15-30% phosphonates.

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.

Does not contain phosphates and silicates.

### **Disposal of derusting bath and product**

The solution used, 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 litre PE-bottle; 5 Liter and 25 kg HDPE-cans.

Store in closed original container at a temperature between +5 and +30°C, protected from heat and direct solar radiation.

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

Classification for all means of transport: no hazardous material.



**Elma Schmidbauer GmbH**

Gottlieb-Daimler-Str. 17, D-78224 Singen

E-Mail: [info@elma-ultrasonic.com](mailto:info@elma-ultrasonic.com)

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Tel.: +49 7731 882-0

Fax: +49 7731 882-266

[www.elma-ultrasonic.com](http://www.elma-ultrasonic.com)