

# TECHNICAL INFORMATION

## DECORRDAL 20-11

pickling agent

- Field of application:**
- for de-rusting and de-scaling of steel parts
  - for the removal of oxide layers after the laser cutting or thermal deburring
- Properties:**
- strongly acidic, liquid de-rusting agent
  - for immersion and spraying process
- Important Advise:** ***The product is strongly acidic and may attack low-alloy steel heavily!***
- Handling:**
- In immersion plants:  
working concentration: 3 - 15 %
- In spraying plants:  
working concentration: 2 - 10 %  
temperature: 30 - 60 °C  
treatment time: individually determined  
To improve the effect, suitable wetting agent components may be added.
- Bath control:**
- Titration:
- |                 |                  |
|-----------------|------------------|
| Receiver        | 10 ml            |
| Indicator       | Bromophenol blue |
| Titration agent | 0.1 N NaOH       |
| Factor          | 0.217            |
| Colour change   | yellow to blue   |
- Technical data:**
- appearance: clear, colourless liquid  
density (20 °C):  $1.23 \pm 0,02$   
pH-value (conc.):  $< 1$   
pH-value (1 %):  $1.5 \pm 0.3$
- Durability:** 12 months at +5 - +30 °C, store dry and closed
- Compl. Literature:** EU-Material safety data sheet
- Disposal:** Waste-key no: 110106  
Contaminated solutions have to be leaded to an appropriate waste water treatment.

Rev. 040612

Attention:

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