

TECHNICAL INFORMATION

DECORRDAL 29-74

pickling agent

Fields of application and Properties:

- acid cleaning and pickling agent based on phosphoric acid
- simultaneous degreasing and removal of oxide layers
- brightening of non ferrous heavy metals

Handling:

In spraying equipments:

concentration: 3 - 50 % depending on the rust degree

temperature: 40 - 70 °C

treating time: 2 - 10 min.

Rinse with water after treatment and dry.

Depending on the kind of substrate and further treatment the de-rusted parts have to be passivated or phosphate in order to prevent from film rust formation.

Advise:

The plant and the containers have to be made of acid proof material (ceramics, plastics or special steel).

Bath Control:

Determination of concentration by titration:

	Total acid	Free acid
Receiver	10 ml bath solution	10 ml bath solution
Indicator	phenolphthaleine	bromophenol blue
Titration agent	0,1 N caustic soda	0,1 N caustic soda
Color change	from colorless to pink	from yellow to blue
Factor	0.145	0.323
Consumed ml titration agent x factor = concentration in %		

Technical Data:	appearance:	clear colourless liquid
	density (20 °C):	1.234 ± 0.01 g/cm ³
	pH-value 1 %age:	2.1 ± 0.4
Durability:	12 months at +5 - +30 °C, store dry and closed	
Compl. Literature:	EU-Material safety data sheet	
Disposal:	Waste-key-number: 110106	
	Contaminated solutions have to be leaded to an appropriate waste water treatment.	

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Attention:

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