

BONDERITE C-NE 3300 CC

Known as P3-neutracare 3300 CC

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PRODUCT DESCRIPTION

BONDERITE C-NE 3300 CC provides the following product characteristics:

Technology	Industrial Cleaner
Product Type	Neutral Cleaner
Application	Parts Cleaning
Concentration	10 to 30 g/L
Operating Temperature	30 to 80 °C

Cleaning after cutting, stamping or pressing, simultaneously passivating steel, cast iron and aluminium, e.g. in the metal working industry as well as in the manufacturing of engines and transmissions.

Removal of:

- Coolant emulsions
- Other working oils

Application:

Application in spray washers with one or more cleaning stages.

Application in immersion processes with or without ultrasonic support.

Application in immersion processes with injection flood washing.

Deburring of aluminium at high pressure.

TECHNICAL DATA

Composition	Organic corrosion inhibitors
Appearance	clear, bright yellowish liquid*
Density at 20°C, DIN 51757	1.03 ± 0.02 g/cm ³
Solubility	infinite in water
Frost Resistance, °C	>0
pH-value, 20°C DIN 51369	9.3 ± 0.3 (10 g/L in DE-water)

* Raw material-dependent colour changes of the product cannot be excluded; the effectivity will, however, not be impaired.

DIRECTIONS FOR USE**Preliminary Statement:**

Prior to use it is necessary to read the **Material Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed. Please also refer to the local safety instructions and contact Henkel for analytical support.

Operating Parameters:

Application concentrations:	10 to 30 g/L
Application temperature:	30 to 80°C
Duration of treatment:	1 to 3 min

Determination of concentration:

Via Titration of alkalinity with acid:

Titration factor (TF):	2.8 g/(L*mL)
Feed:	100 mL
Acid:	0.5 N hydrochloric or 0.5 N sulphuric acid
End point:	pH 3.6
Indicator:	Methylorange

Concentration (g/L) = TF * acid - consumption in mL

Foam Behaviour:

Applicable in the given concentration and temperature range without interfering foam.

Waste Water Treatment:

Neutralization is generally not required. Due to soil infiltration during the operation processes, waste water treatment may be necessary. Disposal must be carried out according to directives by local authorities.

Special Remarks:

Corrosion protection is increased,- if deionized water is used instead of tap water and the work-pieces are stored at low relative air humidity and shielded against weather exposure.

Storage:

Recommended Storage Temperature, °C	0 to 40
Shelf-life, months (in unopened original packaging)	24

Classification:

Please refer to the corresponding **Material Safety Data**

Sheets for details on:

Hazards identification

Transport information

Regulatory information

ADDITIONAL INFORMATION**Disclaimer****Note:**

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

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