

**BONDERITE C-AK 5176**Known as P3-galvaclean 5176  
December 2014**PRODUCT DESCRIPTION**

BONDERITE C-AK 5176 provides the following product characteristics:

<b>Technology</b>	Industrial Cleaner
<b>Product Type</b>	Alkaline Cleaner
<b>Application</b>	Parts Cleaning
Concentration	7 to 20 g/L
Operating Temperature	50 to 80 °C

Combination on basis of alkalines with polymer- phosphates, detergents.

Low alkaline cleaner for degreasing, removal of pigment residues and passivation in immersion processes for all metal surfaces in immersion-lines. Cleaning of metal sheets and removing of lap-paste. Due to very good corrosion protection quality everywhere, where spotless appearance is necessary.

**Application Areas:**

suitable for cleaning of iron, copper, aluminium, zinc; for other materials like brass, there have to be carried out compatibility-tests, unless there are no explicit hints from the producer.

**TECHNICAL DATA**

Appearance	yellow liquid
Density at 20°C, DIN 51757	1.1 g/cm <sup>3</sup>
pH-value (in a solution of 10 g/L)	9.5

**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 Data:**

Concentration	0.7 to 2%
Temperature	50 to 80 °C
Duration of treatment	up to 5 min

**Bath monitoring:**

BONDERITE C-AK 5176 solution is controlled by total alkalinity

Feed, mL	50 mL
Titrant:	0.5 n HCl
End point:	pH 3.6
Indicator:	Methylorange
Titration factor (TF):	1.1

**Classification:**

Please refer to the corresponding **Material Safety Data Sheets** for details on:

**Hazards identification**  
**Transport information**  
**Regulatory information**

**Storage:**

Recommended Storage Temperature	0 to 40°C
Shelf-life, months	24

**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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