

## BONDERITE C-AK 2602

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### PRODUCT DESCRIPTION

BONDERITE C-AK 2602 provides the following product characteristics:

<b>Technology</b>	Industrial Cleaner
<b>Product Type</b>	Alkaline Cleaner
<b>Application</b>	Parts Cleaning

BONDERITE C-AK 2602 is a liquid alkaline Cleaner for dip and spray cleaning processes and the treatment of steel and aluminium without silicate. It is suitable for the degreasing of formed and metal cutting worked parts. BONDERITE C-AK 2602 is inhibited and reduces the attack on aluminium and its alloys significantly. However, all aluminium material needs to be tested prior to treatment. BONDERITE C-AK 2602 will be used with a suitable cleaning booster.

#### Application Areas:

BONDERITE C-AK 2602 is used in spray- or immersion processes. It must be combined with a suitable cleaning booster.

### TECHNICAL DATA

Density	~1.41 g/cm <sup>3</sup>
pH-value (20% solution):	~11.7

### 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.

#### Bath Make-up:

Before using, the product has to be homogenized properly or the full package has to be used for make-up. The product may have sediment, which is dissolved in the application solution and has no negative influence on the effectiveness of the product. For spray application, do not switch on the pumps before working temperature has been reached.

#### Spray application:

BONDERITE C-AK 2602	20 to 40 g/L
Treatment time	1 to 5 min. depending on soiling
Temperature	20 to 80°C

#### Bath Control:

BONDERITE C-AK 2602 solution is controlled by the following analysis:

#### Titration of total alkalinity:

Feed, mL	100 mL
Titrant:	0.5 N hydrochloric or 0.5 N sulfuric acid
End point:	pH 3.6
Indicator:	Methyl orange

- Pipette 100 mL bath solution into a clean 300 mL Erlenmeyer-flask.
- Add 50 mL deionized water.
- Add 4 to 5 drops of indicator.
- Titrate the solution with 0.5 N hydrochloric or 0.5 N sulfuric acid .
- The endpoint will be showed by a colour change (pH-value: 3.6).
- The consumption of the acid in mL multiplied with the factor 1.0 is equal the concentration in g/L BONDERITE C-AK 2602.

#### Classification:

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

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

#### Storage:

Recommended Storage Temperature, °C	-5 to 40
Shelf-life, months (in unopened original packaging)	36

## ADDITIONAL INFORMATION

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Reference 0.4