



BONDERITE C-AK 359

Known as P3 Saxin 359
September 2014

PRODUCT DESCRIPTION

BONDERITE C-AK 359 provides the following product characteristics:

Technology	Industrial Cleaner
Product Type	Alkaline Cleaner
Application	Parts Cleaning
Concentration	20 to 60 g/L
Operating Temperature	60 to 80°C spray process

BONDERITE C-AK 359 is a liquid product, especially formulated for degreasing all types of metals. It is applied by spraying.

Application Areas

BONDERITE C-AK 359 has been designed especially for removal of polishing pastes. It has good detergent properties and does not attack aluminium or copper-containing metals.

TECHNICAL DATA

Appearance	yellow liquid
Density at 20°C, DIN 51757	1.24 g/cm ³
pH-value, (in a solution of 10 g/L)	11

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:

Add required amount carefully to the circulation system. Before turning on spray system preheating of the solution to application temperature is recommended to avoid interfering foam build-up.

Concentration	20 to 60 g/l
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Operating data:

Temperature	60 to 80°C
Duration of treatment	1 to 5 min

Bath monitoring:

BONDERITE C-AK 359 solution is controlled by total alkalinity

Feed	50 ml
Titrand	0.5 N hydrochloric or 0.5 N sulfuric acid
End point	pH-value 3.6
Indicator	methylorange
Titration factor (TF)	5.45 g/l x ml

- pipette 50 ml bath solution into a clean 300 ml Erlenmeyer-flask
- Add 3 to 5 drops of indicator.
- Titrate the solution with 0.5 N hydrochloric or 0.5 N sulfuric acid
- The endpoint will be shown by a colour change from orange to red (pH-value: 3.6).
- the added ml of 0.5 N hydrochloric or 0.5 N sulfuric acid multiplied by the factor TF 5.45 give the concentration in g/L
- Divide this by 10 to get the value in %

Classification:

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

Hazardous Information
Transport Regulations
Safety Regulations

Storage

Recommended Storage Temperature	5 to 35°C
Shelf life, months (in unopened original packaging)	36



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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