

## BONDERITE C-AK P-135

Known as Novaclean P-135

August 2017

### PRODUCT DESCRIPTION

BONDERITE C-AK P-135 provides the following product characteristics:

<b>Technology</b>	Cleaner
<b>Product Type</b>	Alkaline Cleaner
<b>Application</b>	Immersion

BONDERITE C-AK P-135 is an alkaline degreaser in granular solid form, of white color, completely soluble in water.

The product is used for cleaning iron.

### 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.

#### Application:

BONDERITE C-AK P-135 the product is formulated for the degreasing by immersion of any type of organic or mineral soiling on steel surfaces.

Its composition, which allows for the simultaneous mechanisms of saponification, dispersion and emulsion, enables operation at relatively low concentration levels, even with heavily contaminated parts.

BONDERITE C-AK P-135 can be used with waters of a wide range of hardness without forming neither sludges nor precipitates.

BONDERITE C-AK P-135 is used jointly with the BONDERITE C-AD T60 additive, varying its concentration according to the type of application and type of filth to be removed.

#### Operating Parameters:

Concentration: 4 to 6 %  
Temperature: 60 to 85 °C  
Time: 3 to 10 minutes  
Concentration of  
BONDERITE C-AD T60: 3 to 5 mL/L

It is important not to exceed the recommended maximum concentrations since the product surfactants may separate, losing their effectiveness.

#### Control:

- Take 10 mL of working solution and dilute with approx. 50 mL distilled water.
- Add the phenolphthalein indicator.
- Titrate with 0.5 N hydrochloric acid until the color changes from reddish to colorless.
  
- $V \text{ mL of acid } 0.5 \text{ N} \times 0.34 = \text{BONDERITE C-AK P-135 } \%$

#### Materials:

BONDERITE C-AK P-135 can be used in carbon steel installations.

#### Storage:

Recommended Storage Temperature, °C -15 to 40  
Shelf-life, months 12  
(in unopened original packaging)

BONDERITE C-AK P-135 is a caustic and corrosive product. Avoid contact with skin and eyes.

The use of safety goggles and protective gloves is recommended for handling.

It must be stored in a dry area, away from contact with acid products.

#### Classification:

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

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

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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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## Reference 0.0