

BONDERITE C-AK 1568

Known as Ridoline 1568
June 2016

PRODUCT DESCRIPTION

BONDERITE C-AK 1568 provides the following product characteristics:

Technology	Industrial Cleaner
Product Type	Alkaline Cleaner
Application	Metal Pre-Treatment

BONDERITE C-AK 1568 is a liquid alkaline cleaner based on phosphate for steel.

Application Areas:

BONDERITE C-AK 1568 is used in spray- or immersion processes. It must be combined with a suitable cleaning booster.

TECHNICAL DATA

Density at 20°C, DIN 51757 ~1.51 g/cm³
pH-value (1% in DI water 20°C) ~12.9

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:

Fill the tank with warm water, start pumping and add for a volume of 1,000 L:

BONDERITE C-AK 1568 20 to 53 L = 30 to 80kg
Cleaning booster depends on requirements

Operating Data:

Adjusting the following parameters could be necessary depending on the line conditions.

Total alkalinity 14.4 to 38.4mL
Temperature 50 to 80°C
Duration of treatment 1 to 5 min
Spray pressure 0.8 to 2.0 bar

Bath Control:

BONDERITE C-AK 1568 solution is controlled by total alkalinity.

Feed, mL 10
Titrant: 0.1 N hydrochloric or 0.1 N sulfuric acid
End point: pH 3.6
Indicator: bromecresolgreen (0.1 % alcoholic solution)

- Cool down bath solution to room temperature and pipette 10 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 0.1 N hydrochloric or 0.1 N sulfuric acid.
- The endpoint will be shown by a colour change from blue to yellow (pH: 3.6).
- The consumption of 0.1 N hydrochloric or 0.1 N sulfuric acid in mL is equal to the points of total alkalinity.

Replenishing:

For each missing point for a volume of 1,000 L add:

BONDERITE C-AK 1568 1.4 L = 2.2kg
Cleaning booster depends on requirements

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 18
(in unopened original packaging)

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

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Reference 0.2