

BONDERITE C-AK 1250

Known as Ridoline 1250

March 2020

PRODUCT DESCRIPTION

BONDERITE C-AK 1250 provides the following product characteristics:

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

BONDERITE C-AK 1250 is a solid alkaline cleaner based on borate, phosphate and nonionic surfactants for steel, zinc plated steel and aluminium.

Application Areas:

BONDERITE C-AK 1250 is used in spray- and spray/immersion processes. Performance can be increased by adding a suitable cleaning booster.

TECHNICAL DATA

Bulk density, (at 20°C), g/L	~810
pH-value (1% in DI water 20°C)	~11.3

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 1250	2 to 20 kg
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Operating Data:

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

Total alkalinity:

BONDERITE C-AK 1250	2.0 to 20.0 mL
Temperature	50 to 60°C
Duration of treatment	1 to 5 min
Spray pressure	0.8 to 2.0 bar

Bath Control:

BONDERITE C-AK 1250 solution is controlled by titration of the total alkalinity.

Feed, mL	10 mL
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 1250	1.0 kg
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Classification:

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

Hazards identification

Transport information

Regulatory information

Storage:

Recommended Storage Temperature -15 to 40°C
 Shelf-life, months 18months

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

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Reference 0.3