Technical Data Sheet

BONDERITE C-AK 635

Known as Ridoline 635
May 2017

PRODUCT DESCRIPTION

BONDERITE C-AK 635 provides the following product characteristics:

Technology	Industrial Cleaner
Product Type	Alkaline Cleaner
Application	Metal Parts

BONDERITE C-AK 635 is a liquid alkaline industrial cleaner, with a built in cleaning booster, for steel, galvannealed, galvanized steel and aluminium in spray process.

The product is formulated to avoid attack on light substrates (aluminium, galvanized steel).

BONDERITE C-AK 635 could be used with a suitable cleaning booster.

Removes oil, fats, fatty acids and mineral pollution
Can be applied to clean engines, industrial underbody vehicles and interior tanks.
Cleaning applicantion: high pressure and spray application, a final rinse is recommended.

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.

Operating Process:
Fill the tank with warm water, start pumping and add to the bath, for each 1,000 L:

BONDERITE C-AK 635	10 to 40 kg

Operating Data:

Free alkalinity	2.5 to 13 points
Temperature	50 to 55 °C
Duration of treatment	1 to 3 min
Pressure	1.5 to 2 kg/cm²

Bath Maintenance:
Once the working conditions are fixed, they must be maintained as stable as possible. The addition of product must be continuous or in small amounts.

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

BONDERITE C-AK 635	3.2 kg

If addition of a cleaning booster is needed, it should be 5 to 10 % of the added BONDERITE C-AK 635.

Control:
Titration of free alkallinity:

- Pipette 10 mL of bath solution into an Erlenmeyer flask and add 50 mL deionised water.
- Add 4 to 5 drops of indicator Phenolphtalein (0.1% solution).
- Titrate the solution against 0.1 N hydrochloric acid. The end point will be shown by the colour change from pink to colourless.
- The consumption of 0.1 N hydrochloric acid in mL is equal to points of free alkalinity.
- In order to determin the concentration in %, multiply the mL of the used acid by the factor: 0.3.

Storage:

Recommended Storage Temperature, °C	-5 to 40
Shelf-life, months (in unopened original packaging)	24

Classification:
Please refer to the corresponding **Material Safety Data Sheets** for details on:
Hazards identification
Transport information
Regulatory information

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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