

BONDERITE C-AK 6706Known as Novaspray 6706
June 2023**PRODUCT DESCRIPTION**

BONDERITE C-AK 6706 provides the following product characteristics:

Technology	Industrial Cleaner
Product Type	Alkaline Cleaner
Application	Parts Cleaning
Concentration	10 to 50 g/L
Operating Temperature	35 to 70°C

BONDERITE C-AK 6706 is a mild alkaline, liquid cleaner. The product is based on borates, caustic potash, salts of organic acids as well as non-ionic surfactants.

Application Areas:

BONDERITE C-AK 6706 is employed for the cleaning and degreasing of iron, steel, coloured metals and zinc coated material in spray processing. Due to its powerful cleaning action BONDERITE C-AK 6706 is specially suited for processes with very short treatment times. The product is free of silicates. Thus the application solution can be lead to ultra filtration without any problems.

TECHNICAL DATA

Appearance	white to yellowish liquid
Density at 20°C, DIN 51757	~1.1 kg/m ³
pH-value (1% solution):	~10.4

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 Control:

BONDERITE C-AK 6706 solution is controlled by titration of total alkalinity.

Feed, mL	50 mL
Titrant:	0.5 N hydrochloric or 0.5 N sulphuric acid
End point:	pH 3.6
Indicator:	Methyl orange
Titration factor (TF):	7.0

- 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 sulphuric acid.
- The endpoint will be shown by a colour change from yellow to reddish (pH: 3.6).
- The added mL of 0.5 N hydrochloric or 0.5 N sulphuric acid multiplied by the factor TF 7.0 is equal to the concentration in g/L.
- Divide this by 10 to get the value in %.

Example:

$$10 \text{ mL } 0.5 \text{ N hydrochloric or } 0.5 \text{ N sulphuric acid} \times 7.0 \\ = 70 \text{ g/L BONDERITE C-AK 6706 } (= 7.0 \%)$$

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	36

ADDITIONAL INFORMATION

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