

BONDERITE C-AK 62018

May 2018

PRODUCT DESCRIPTION

BONDERITE C-AK 62018 provides the following product characteristics:

Technology	Industrial Cleaner
Product Type	Aluminum Cleaner
Application	Immersion Process

Cleaning and degreasing of aluminium parts in an immersion process. No problems concerning further treatment of the pieces.

Composition:

- Carbonates
- Phosphates
- Borates
- Nonionic surfactants

TECHNICAL DATA

Appearance	free-flowing white powder
Specific Gravity, kg/m ³	~890
Solubility (20 °C), g/L	100
pH-value (in a solution of 10 g/L)	9.2

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.

Process:

Immersion processes, agitation by compressed air or pumping possible.

Operating Data:

Concentration, g/L	20 to 50
Temperature, °C	60 to 90
Treatment time, min. (depending upon soiling)	1 to 15

Bath make-up:

14.3 g/L x mL

Titrate 5 mL of the solution against 0.5 N Hydrochloric Acid using Methyl Orange as the indicator.

Foam Behaviour:

Slightly foaming at the application temperature, not sprayable.

Metal weight loss:

~4 to 7 g/m² x h in a fresh solution at 80 °C.

Emulsifying Effect:

Oils free of emulgators are not emulsified.

Equipment:

Mild steel. The tanks must not be activated by sand-blasting or corrosive acids.

Effluent Information:

There are no toxic substances in BONDERITE C-AK 62018, but the alkali value of spent solutions may be too high.

Neutralization with acid, and subsequent filtration, may be required before the neutralized solution can be discharged to the drainage.

1.1 kg of a 25 % solution of Sulphuric Acid is needed for the neutralisation of 1 kg BONDERITE C-AK 62018.

Classification:

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

Hazards identification
Transport information
Regulatory information

Storage:

Recommended Storage Temperature, °C	-20 to 50
Shelf life, months (in unopened original packaging)	36

ADDITIONAL INFORMATION**Disclaimer**

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