

BONDERITE C-AK 62007

Known as Novaclean AL 707
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PRODUCT DESCRIPTION

BONDERITE C-AK 62007 provides the following product characteristics:

Technology	Industrial Cleaner
Product Type	Alkaline Cleaner
Application	Aluminium

BONDERITE C-AK 62007 is a slightly alkaline degreaser, in a powder form, easily soluble in water. The product is used on aluminum and its alloys in immersion process.

BONDERITE C-AK 62007 has been formulated effectively remove oils and polishing pastes without any attack on the base material.

BONDERITE C-AK 62007 does not contain any inhibitor which could interfere with subsequent treatments of the aluminum and its alloys, such as satin, anodized or chromated inhibitors.

The product is particularly suitable for the degreasing of parts or polished profiles with high reflectiveness, because it eliminates polishing paste without causing any loss of gloss.

Because it contains surfactants and sequestering agents, the product can be used with any type of water without causing incrustations and for easy rinse.

The pH of the solution: 8.7 ± 0.2 .

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.

Application:

Degreasing of aluminium and its alloys by immersion. A slight agitation, in the air, of the working solution is recommended.

It can also be used in ultrasonic plants.

Operating Conditions:

The best results are obtained at concentrations of 0.7 to 2%, depending on the type and amount of soil to be removed.

If the oiled material predominates, it is recommended to work at lower concentrations, allowing the separation of the oil in the bath and eliminating it by a periodic overflow, in order to prolong the life of the solution.

If the material is essentially polished with pastes, a concentration of 1.5 to 2% achieving a long-lasting baths.

The working temperature of the solution is 50 to 65°C. Treatment times ranges from 5 to 15 minutes.

Control:

Analytical control routine may be performed as follows:

- Take 10 mL of BONDERITE C-AK 62007 solution into a beaker, dilute with a similar amount of deionized water.
- Add 3 or 4 drops of methyl orange (also bromophenol blue can be used).
- Titrate with 0.1 N hydrochloric acid until the indicator color changes.

mL of HCl 0.1 N x 2.2 = g/L of BONDERITE C-AK 62007

Precautions:

The usual handling precautions must be observed, including the use of gloves, aprons and safety glasses.

Avoid contact with skin or eyes. In case of contact with eyes, clean with plenty of water for several minutes.

Storage:

Recommended Storage Temperature, °C -15 to 40
Shelf-life, months 30
(in unopened original packaging)

Classification:

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

Hazards identification
Transport information
Regulatory information

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