

BONDERITE C-IC AL-86

Known as Novaclean AL 86
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PRODUCT DESCRIPTION

BONDERITE C-IC AL-86 provides the following product characteristics:

Technology	Metal Pretreatment
Product Type	Acid Cleaner
Application	Aluminium

BONDERITE C-IC AL-86 is a liquid acidic product specially developed for degreasing of aluminum and its alloys.

BONDERITE C-IC AL-86 is applied by immersion as a pretreatment for aluminum and its alloys prior to anodizing or prior to conversion coating.

It has been formulated for intense degreasing, at low temperatures, of oils and polishing pastes; the product does not attack metal surface.

The acidic nature of the product allows the simultaneous degreasing and deoxidizing of the material.

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 data:

Concentration, g/L	25 to 50
Temperature, °C	ambient to 40
Treatment time, min.	5 to 20

Bath Control:

- Pipette 10 mL of bath into a beaker and dilute with a similar amount of deionized water.
- Add 3 to 4 drops of Phenolphthalein indicator.
- Titrate with 0.5 N NaOH until the change of the color.

BONDERITE C-IC AL-86 g/L = V mL of 0.5 N NaOH * 5.8

Caution:

BONDERITE C-IC AL-86 is an acidic product and should be handled protective goggles and gloves. In case of contact with eyes or skin, immediately rinse and wash with plenty of water and seek for medical attention. Store separately from caustic products.

Equipment:

BONDERITE C-IC AL-86 can be used in steel tanks. It is advisable, however, to use the tanks coated with PVC, polyester or painted with paint antacid.

Storage:

Recommended Storage Temperature, °C	5 to 35
Shelf-life, months (in unopened original packaging)	36

Classification:

Please refer to the corresponding **safety data sheets** for details on:

Hazards identification
Transport information
Regulatory information

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