

BONDERITE® C-AK 5948DPM EU AERO

October 2025

PRODUCT DESCRIPTION

BONDERITE® C-AK 5948DPM EU AERO provides the following product characteristics:

Technology	Metal pre-treatment
Product type	Alkaline cleaner
Application	Immersion

BONDERITE® C-AK 5948DPM EU AERO is an alkaline, water base, blue concentrated compound formulated to effectively clean painted and unpainted aircraft exterior and interior surfaces when diluted with water. BONDERITE® C-AK 5948DPM EU AERO is ideally suited for use on all models of jet aircraft. BONDERITE® C-AK 5948DPM EU AERO is also designed to be used in immersion tanks, for dip applications.

Application areas

BONDERITE® C-AK 5948DPM EU AERO is used for metal pretreatment processes.

BONDERITE® C-AK 5948DPM EU AERO offers these features:

1. For use on all aircraft metals and well bonded paint
2. Non staining and non streaking to aluminum
3. Readily soluble and stable in water mixtures
4. Free rinsing
5. Ideal for parts cleaning
6. Pleasant and refreshing odor
7. Nonflammable
8. Does not contain phosphates, chromates or butyl cellosolve

TECHNICAL DATA

Appearance	Blue liquid
pH value	11.4 to 12.2
Density, g/ml	1,006 to 1,026

DIRECTIONS FOR USE

Preliminary statement

Prior to use it is necessary to read the **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.

Instructions for use

Immersion cleaning:

BONDERITE® C-AK 5948DPM EU AERO may be diluted 1 part cleaner with 3 to 20 parts water, depending on soil load. Use at 65°C to 80°C for 5 to 15 minutes. Ideal for ultrasonic tanks.

Control procedure for BONDERITE® C-AK 5948DPM EU AERO

Apparatus

- 100 ml graduated cylinder
- pH meter
- Burette
- 250 ml beaker
- Magnetic stirrer

Reagents

- 1.0 N sulfuric acid

Procedure

- Take a sample from the bath, and measure 100 ml
- Add sample to the beaker, and titrate to pH 8 with 1.0 NH₂SO₄
- Record the amount of mix, and calculate the concentration

Calculation

- $V \times 2.06 = \% \text{ BONDERITE® C-AK 5948DPM EU AERO}$

Storage

- Frost-sensitive
- Store in a cool, frost-free place and in original sealed container
- Temperature: 0 to 35 °C .

Classification

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

Hazards identification

Transport information

Regulatory information

Disclaimer

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