



BONDERITE C-AK 5948R

Known as TURCO 5948 R
December 2014

PRODUCT DESCRIPTION

BONDERITE C-AK 5948R provides the following product characteristics:

Technology	Industrial Cleaner
Product Type	Alkaline Cleaner
Application	Maintenance Cleaner
Concentration	50 to 300 g/L
Operating Temperature	15 to 60 °C

BONDERITE C-AK 5948R is a liquid alkaline cleaner. It is composed of alkaline, amin, glycol, silicat, nonionic surfactants, perfume and dye.

BONDERITE C-AK 5948R is a high efficient cleaner for dry environmental soiling as well as oil and grease deposits on synthetic surfaces and multi metal surfaces (iron, non-iron metal, light metals, brass and copper).

BONDERITE C-AK 5948R is conform to following specifications: Douglas C.S.D Nr.1, GE C04-152, AMS 1530&1550, Pratt&Whitney PMC 1414/PS 375, Lockheed 32.09554, Lockheed 32.226.

Application Areas

BONDERITE C-AK 5948R is especially made for exterior and interior cleaning of aircrafts.

BONDERITE C-AK 5948R can also be used as a ultrasonic dip cleaner in repair and overhaul workshops. It can also be used in a cleaning step before painting.

BONDERITE C-AK 5948R is high efficient on removing mineral oil, synthetic lubricant oils, combustion residues, atmospheric and runway deposits.

TECHNICAL DATA

Appearance	clear, blue liquid
Density at 20°C, DIN 51757	1.015 g/cm ³
pH-value (1% in DI water 20°C)	11.8
Flash Point, °C	>100 water based product

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 make-up:

Make-up concentration:	
Dip cleaning with and without ultra sonic:	5 to 30%
Manual interior cleaning:	~3%
Unpainted metal surfaces:	~10%
Painted surfaces:	~5%

Strong soiled parts f.e. engine parts, tail unit and landing gear probably needed a higher concentration – up to 30 % and a resident time between 10 to 15 min.

To enhance the cleaning efficiency we recommend to do manual brushing and rubbing. At least we recommend HP rinsing with pure water. For using BONDERITE C-AK 5948R in hot steam jet (HP device) we recommend 10% solution as the basic solution and final concentration between 0.1 to 0.5 %.

Operating data:

Temperature	15 to 60 °C
Duration of treatment	residence time on the surface after applying or treatment time at all: 5 to 15 min

Rinsing with water

Generally the concentration and the residence time has to be adjusted at the degree of the soiling. A higher cleaning temperature will be reduce the cleaning time in general and stronger mechanical force the treatment time at all (more abrasive brushes, higher spray pressure).

Classification:

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

Hazardous Information
Transport Regulations
Safety Regulations

Storage

Recommended Storage Temperature	5 to 40°C
Shelf life, months	36



ADDITIONAL INFORMATION

Disclaimer

Note:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

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