

BONDERITE C-MC 11110Known as Porodox Fluessig
April 2016**PRODUCT DESCRIPTION**

BONDERITE C-MC 11110 provides the following product characteristics:

Technology	Industrial Cleaner
Product Type	Acid Cleaner / Pickle
Application	Parts Cleaning, Derusting
Concentration	150 to 700 g/L
Operating Temperature	20 to 60 °C

BONDERITE C-MC 11110 is a cleaner for iron, steel, aluminium, copper, brass, hot dip galvanized, chromium-plated and tin-plated metal surfaces.

Application Areas

BONDERITE C-MC 11110 removes carbonate and phosphate containing deposits such as scale, milk scale, beer scale as well as metallic hydroxides, -oxides and calcareous deposits without essentially attacking the base metal.

BONDERITE C-MC 11110 is suitable to remove incrustation from cleaning and phosphating stages of spray processing equipment; to clean plate heat exchangers, cooler and steam systems; to remove deposits from production equipment (e. g. of sugar-refineries and paper-mills); to clean chromium-plated fittings and hot dip galvanized objects etc.; to remove sediments from tubs and public baths; to remove calcareous deposits from boilers, hot water systems etc.

BONDERITE C-MC 11110 contains an inhibitor which provides consistent effective protection to the equipment during cleaning operations.

BONDERITE C-MC 11110 is applied to the surfaces by immersion, spray or brushing.

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 Parameters:

Concentration of application	15 to 70 Vol. %
Temperature	20 to 60 °C
Treatment Time	5 min to 16 h

Replenishment:

BONDERITE C-MC 11110 contains an indicator which indicates by a colour change from red to yellow, that the active ingredient is spent.

Add fresh BONDERITE C-MC 11110 to the solution until a red colour reappears indicating that the solution has regained its full effectiveness.

After cleaning remove residues of BONDERITE C-MC 11110 solution with water, subsequently with a final rinse with Trisodiumphosphate solution (0.4 %).

Alternatively, diluted soda solution (0.5 %) may be used.

Storage

Recommended Storage Temperature, °C	0 to 40
Shelf-life, months (in unopened original packaging)	36

Classification

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

Hazards identification
Transport information
Regulatory information

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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