

# BONDERITE C-MC 075

Known as P3-Ultraperm 075  
April 2015

## PRODUCT DESCRIPTION

BONDERITE C-MC 075 provides the following product characteristics:

<b>Technology</b>	Cleaner
<b>Product Type</b>	Acid Cleaner
<b>Application</b>	Membrane Cleaner
<b>Components</b>	BONDERITE C-MC 012 (pre-cleaning, if required) BONDERITE C-MC 030 (pre-cleaning, if required)

BONDERITE C-MC 075 is a combination of inorganic acids.

## Application Areas

BONDERITE C-MC 075 is a liquid, highly acid cleaner, specially for post treatment of acid resistant membranes of ultrafiltration systems.

## TECHNICAL DATA

Appearance	clear to slightly yellowish
Density (20°C), g/cm <sup>3</sup>	1.33 to 1.39
pH-value (1% in DI water)	1.0 to 1.6
Solubility	water soluble

## 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:

Concentration, g/L:	5 to 10
Temperature, °C:	50 to 60
Time of Treatment, min:	30 to 60
Materials:	<ul style="list-style-type: none"><li>• BONDERITE C-MC 075</li><li>• BONDERITE C-MC 012 (pre-cleaning, if required)</li><li>• BONDERITE C-MC 030 (pre-cleaning, if required)</li></ul>

### Cleaning Procedure:

BONDERITE C-MC 075 is used following alkaline

pre-cleaning (BONDERITE C-MC 012/030) if the flowrate is still not sufficient.

The membrane must be resistant against acids.

For the post-cleaning a 0.5 to 1 % solution of BONDERITE C-MC 075 is circulated at 50 - 60°C, for 30 - 60 minutes.

The membrane must be rinsed with tap-water till the effluent reaches a neutral pH-value.

The cleaning was successful if the preliminary flow rate is reached.

### Titration:

TF = 0.02 %/ml

titration of 50 ml of the cleaner solution (using 0.1 N sodiumhydroxyde and phenolphthalein)

### Calculation:

$\text{mL NaOH} \cdot 0.02 \text{ \%}/\text{mL} = \text{\% concentration of cleaner solution}$

### Effluent Information:

To be neutralized before dumping. Please refer to your local water authorities.

### Classification:

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

**Hazards identification**  
**Transport information**  
**Regulatory information**

### Storage

Recommended Storage Temperature, °C	cool and frost free
Shelf-life (in unopened original packaging), months	36

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