

BONDERITE C-MC 300

Known as P3-croniclean 300

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PRODUCT DESCRIPTION

BONDERITE C-MC 300 provides the following product characteristics:

Technology	Maintenance Cleaner
Product Type	Paintshop cleaner concentrate
Application	Automatic or manual

BONDERITE C-MC 300 is a clear, slightly brownish butylglycol-free cleaner.

Application Areas:

The product was developed for cleaning painting equipment like guns, bells and nozzles. It can remove uncured water-born paint systems. It can also be used to remove paint overspray from spray booth walls and ground.

TECHNICAL DATA

Appearance	clear
	slightly brownish
pH-value (1% in DI water)	~11.0
Conductivity (at 1 % in DI water), µS	~270

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.

Concentration:

1 to 2 % age in DE- or Tap Water, depending on Application.

Refractive Index:

The concentration might best be measured via refractive index.

Refractive Index	Concentration
1.3331	0.1%-0.3%
1.3332	0.3%-0.5%
1.3333	0.5%-0.7%
1.3334	0.7%-0.9%
1.3335	0.9%-1.1%
1.3336	1.1%-1.3%
1.3337	1.3%-1.5%
1.3338	1.5%-1.7%
1.3339	1.7%-1.9%
1.3340	1.9%-2.1%
1.3341	2.1%-2.3%
1.3342	2.3%-2.5%
1.3343	2.5%-2.7%
1.3344	2.7%-2.9%
1.3345	2.9%-3.1%
1.3346	3.1%-3.3%
1.3347	3.3%-3.5%
1.3348	3.5%-3.7%
1.3349	3.7%-3.9%
1.3350	3.9%-4.1%
1.3351	4.1%-4.3%
1.3352	4.3%-4.5%
1.3353	4.5%-4.7%
1.3354	4.7%-4.9%
1.3355	4.9%-5.1%
1.3356	5.1%-5.3%
1.3357	5.3%-5.5%
1.3358	5.5%-5.7%
1.3359	5.7%-5.9%
1.3360	5.9%-6.1%

Titration:

Using a 1 % age solution the usage of about 20 g or 20 mL is recommended.

At higher concentrations the input should be reduced.

Indicator: 5 drops of a Bromthymolblue-Solution.

Titration: 0.1 mol/L Hydrochloric acid.

Equipment: Erlenmeyer flask 250 mL, Burette.

The titration should be done till the blue colour vanishes and a slight green appears.

It is recommended to use a white sheet of paper to observe the changes in colour.

Mix-Indicator "Tashiro":

If the Solution is not older than 3 month the load transfer point is very obvious.

Endpoint is 5.2 changes from green to violet.

Calculation:

$$\frac{\text{Consumption (mL)}}{\text{Input (g or mL)} * 0.46} = \text{Concentration (\%)}$$

Storage:

Recommended Storage Temperature, °C	-5 to 50
Shelf-life, months (in unopened original packaging)	12

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. Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

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Reference 0.2