

BONDERITE C-MC 12

Known as P3-grato 12

April 2017

PRODUCT DESCRIPTION

BONDERITE C-MC 12 provides the following product characteristics:

Technology	Industrial Cleaner
Product Type	Alkaline Cleaner
Application	Maintenance Cleaner
Concentration	3 to 50%
Operating Temperature	10 to 60 °C

BONDERITE C-MC 12 is a self-oil demulsifier cleaning product.

It is composed of surfactants, salts of organic acids and hydrotropes. BONDERITE C-MC 12 is free of solvents.

Application Areas:

BONDERITE C-MC 12 is a high efficient vehicle cleaner and for all purpose use in workshops and industrial areas.

BONDERITE C-MC 12 can be used on floors, walls, fixtures of concrete, plastics, ceramics, painted or enameled surfaces in work shops, storerooms and social rooms.

BONDERITE C-MC 12 can also be used for machine cleaning.

TECHNICAL DATA

Density at 20°C, DIN 51757	~1.09 g/cm ³
pH-value (concentrate), g/L	~10
pH-Value	~9
Appearance	clear, yellow-green liquid
Smell	pleasant, fresh

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:

BONDERITE C-MC 12 is used in dilution depending on the application:

3-10% solution:	in floor cleaning machines
3-5% solution:	with water jet (concentration at the nozzle)
3-50% solution:	by hand with sponge, brush or rags

The splitting of drag-in oil will be proceed automatically if the concentration of BONDERITE C-MC 12 is below 1% in the waste water. This will be typically achieved by the dilution with rinsing water.

Basically all application concentration have to be adjusted at the degree of soiling. To optimize the cleaning result we recommend a residence time of the cleaning solution for about 2-20min on the surface. Assistance by mechanical force like brushing or wiping will always increase the efficiency.

Bath Control:

BONDERITE C-MC 12 solution is controlled by titration.

Brix factor:	3.2 +/- 0.1 %
Titration factor TF (%)	5.71 (V(ml)xF = g/L)
Volume of solution	100 mL
Acid:	0.5 N hydrochloric or sulfuric acid
Indicator:	Methyl orange

Classification:

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

Hazards identification

Transport information

Regulatory information

Storage:

Recommended Storage Temperature	5 to 50°C
Shelf-life, months	36

ADDITIONAL INFORMATION**Disclaimer****Note:**

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