

BONDERITE C-MC 3000

Known as P3-grato 3000

October 2020

PRODUCT DESCRIPTION

BONDERITE C-MC 3000 provides the following product characteristics:

Technology	Industrial Cleaner
Product Type	Strong alkaline cleaner
Application	Maintenance Cleaner
Concentration	0.5 to 10%

Application Areas:

BONDERITE C-MC 3000 is a cleaning product designed for the exteriors of trains, cars, lorries, tarpaulin covers and other vehicles.

BONDERITE C-MC 3000 is especially suitable for car and train-washes and transport companies with cleaning gantries.

BONDERITE C-MC 3000 typical applications include also a wide range of industrial cleaning applications. Typical applications for this product include tanks, machinery, exterior siding, floors, etc. Suitable for removing grease, lubricants, cutting oils, fuel oils, tar, food stains, wax, animal fat, mildew, & soot.

TECHNICAL DATA

Appearance	Colourless up to yellowish liquid
Density at 20°C, DIN 51757	~1.08 g/cm ³
pH-value (1%)	12

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:

Application with a car-wash
- Recommended for efficient, economical cleaning:

1. First, independently spray with a 3 to 5 % solution of the product. Spray on the whole vehicle. Pressure wash parts that are not accessible to the brushes.
2. Then start the car-wash. If applying directly in the car-wash, prepare a stock solution at 20 to 50 % and adjust

the pumps to give an output concentration of 0.5 to 0.8 %.

With independent spray and high-pressure wash:

- Spray on the body car from bottom to top with a BONDERITE C-MC 3000 solution at 3 to 5 %.
- Leave the product to work for one to three minutes.
- Pressure wash from bottom to top.
- Rinse the vehicle with water from top to bottom.

Bath Control:

BONDERITE C-MC 3000 solution is controlled by titration of free alkalinity.

Feed, mL	50 mL
Titrant:	0.1 N HCl
End point:	pH-value 7.0
Indicator:	Phenolphthaleine
Titration factor (TF):	3.125

- Pipette 50 mL bath solution into a clean 300 mL Erlenmeyer-flask.
- Add 4 to 5 drops of indicator.
- Titrate the solution with 0.1 N HCl.
- The endpoint will be shown by a colour change.
- The consumption of the 0.1 N HCl in ml multiplied with the factor 3.125 is equal the concentration in g/L.

Engineering:

To ensure the best possible application with complete reliability and safety, we recommend automatic checking and dosage.

Our Engineering department will be happy to provide you with any further information you may require about your specific set-up.

Waste Water Treatment:

The level of biodegradability of the surfactants in BONDERITE C-MC 3000 is greater than 90 %. BONDERITE C-MC 3000 must be neutralized in accordance with applicable legislation.

Classification:

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

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

Storage:

Recommended Storage Temperature 0 to 40°C

Shelf-life 36months

(in unopened original packaging)

ADDITIONAL INFORMATION**Disclaimer**

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Reference 0.3