

BONDERITE C-NE FA

Known as P3-industril FA
March 2014

PRODUCT DESCRIPTION

BONDERITE C-NE FA provides the following product characteristics:

Technology	Industrial Cleaner
Product Type	Neutral-Alkaline Cleaner
Application	General Cleaner
Concentration	3 to 20%
Operating Temperature	room temperature up to 70 °C

BONDERITE C-NE FA is a self-oil demulsifier cleaning product. BONDERITE C-NE FA has been developed as an ecologically less harmful alternative to solvent cleaners. It is composed of surfactants, salts of organic acids and hydrotropes. BONDERITE C-NE FA is free of solvents, nonionic surfactants, salts of organic acids, corrosion protection agents and hydrotropes. BONDERITE C-NE FA is free of solvents.

Application Areas:

BONDERITE C-NE FA is a powerful general cleaner for nearly all materials and soiling in different cleaning processes. It can be used on iron, steel, non-ferrous metals (with very low metal loss on aluminium, brass, copper, tin and zinc). It is suitable on most types of plastics, painted surfaces (excl. sensitive water-borne paints), concrete, stonework and ceramics. BONDERITE C-NE FA should not be used prior to painting without proper rinse.

TECHNICAL DATA

Density at 20°C, DIN 51757	~1.13 g/mL
Viscosity (Ford-beaker, 4 mm nozzle), sec. DIN 53211	~11 to 15
pH-value (1% in tap-water)	~10
pH-Value	~11
Appearance:	red-brown, liquid

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-NE FA is used in different applications:

Immersion (also with ultrasonic):	20 to 50 % at room temperature to 50° C
Spraying:	3 to 10 % (spray applicable from 45° C without foam)
High-pressure-steam-jet:	3 to 10 % solution at any temperature, 10 to 20 % solution if applied before pressure hose
Brush/wipes:	5 to 20 %
Floor cleaning machines:	3 to 5 %
Treatment time:	1 to 5 min.

Bath Control:

BONDERITE C-NE FA solution is controlled by titration of free alkalinity.

Titration factor (TF):	1.7
Volume of solution	100mL
Indicator:	Methylorange

Concentration g/L = TF x mL consumed 0.5 n acid

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 50°C
Shelf-life, months	24months

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

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Reference 0.1