

BONDERITE C-IC 1

Known as Chemacid 1
April 2015

PRODUCT DESCRIPTION

BONDERITE C-IC 1 provides the following product characteristics:

Technology	Industrial Cleaner
Product Type	Acid Cleaner / Pickle
Application	Parts Cleaning
Concentration	200 to 300 g/L
Operating Temperature	room temperature

BONDERITE C-IC 1 is a liquid product destined to the chemical cleaning in cold of heat exchangers of stainless steel and of coats of filters it presses. Being acid a good final rinse with water is required, specially deionised.

Application Areas:

BONDERITE C-IC 1 will be mainly used for the cleaning of heat exchanger made of stainless steel and coated filter presses.

TECHNICAL DATA

Appearance	clear yellow liquid
Density at 20°C, DIN 51757	~1.25 g/cm ³
pH-value (10 g/L in DI water, 20°C)	1 to 2

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:

The product will be applied in a concentration of 20 to 30% in volume to room temperature.

The concentration can be determined by the following procedure.

After cleaning procedure a final rinse will be required especially with deionized water.

Bath Control:

BONDERITE C-IC 1 solution is controlled by the following analysis:

Feed, mL	10 mL
Titrant:	1 N Sodium Hydroxide
Indicator:	bromophenolblue
Titration factor (TF):	1 g/L x mL

Titration of free acid:

- Pipette 10 mL bath solution into a clean 300 ml Erlenmeyer-flask.
- Add 100 mL of distilled water.
- Add 3 drops of indicator.
- Titrate the solution with 1 N Sodium Hydroxide.
- The endpoint will be shown by a colour change from yellow to blue.
- The consumed volume of 1 N Sodium Hydroxide must be between 13 to 20 mL.

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, months	24
Frost-Sensitive	yes

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Reference 0.1