

BONDERITE C-AD RINSE AID

Known as Novarinse

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PRODUCT DESCRIPTION

BONDERITE C-AD RINSE AID provides the following product characteristics:

Technology	Industrial Cleaner
Product Type	Post Rinse
Application	Plastic Pre-Treatment

BONDERITE C-AD RINSE AID is a clear, colourless liquid surfactant concentrate.

BONDERITE C-AD RINSE AID has no inorganic components.

Application Areas:

BONDERITE C-AD RINSE AID is used in the aqueous pre-treatment of plastic, as a post rinse additive for the final deionised water rinsing bath. The product effectively reduces the surface tension of the rinsing medium and therefore improves the draining behaviour of the rinsing water, even for parts with difficult geometric forms. Thus BONDERITE C-AD RINSE AID shortens the drying time and prevents spots of dried on water drops. If used according to the following operating data the product does not foam. BONDERITE C-AD RINSE AID can, if necessary, be diluted with deionised water in a ratio of 1:1. The water is added to the surfactant concentrate while continuously stirring. The concentration and temperature mentioned in the paragraph "operating data" must not be exceeded.

TECHNICAL DATA

Appearance	clear, colourless to light yellow, slightly
Density	~1.04 g/cm ³
pH-value	~6.5

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.

Tank Material:

We recommend stainless steel of the quality 1.4301.

Operating Data:

The dosing of the product can be carried out discontinuously; but in the last deionised water rinsing bath a continuous addition is strongly recommended if followed by a final deionised water spray ring. The dosage should be adjusted to compensate fresh water additions respective water losses (overflow, cascade).

Concentration	25 to 50 ppm = 25 to 50 g/m ³
Temperature	room temperature- 40°C
Treatment time	depends on the type of plant
Post Treatment	should solely be used in the final deionized water rinse (deionized water spray ring).

Concentration Determination:

In practise, a titrimetric determination of the concentration is not possible. By means of a photometric method, the concentration of BONDERITE C-AD RINSE AID (2 - 200 mg/l) can be determined in water. The value measured with a Hach Lange LCK 433 test kit corresponds to the concentration of BONDERITE C-AD RINSE AID in water. A correction factor is not necessary.

Product Storage:

The storage of the product should be in accordance with the regulations of § 19 WHG. Please contact us for advise.

Waste Water Treatment:

The waste water must be treated according to the discharge regulations of the local authorities.

Caution:

The hazard warnings and safety instructions given on the labels and in the Safety Data Sheets must be observed.

Classification:

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

- Hazards identification
- Transport information
- Regulatory information



Storage:

Recommended Storage Temperature	10 to 40°C
Shelf-life, months (in unopened original packaging)	36
Frost-Sensitive	yes

ADDITIONAL INFORMATION**Disclaimer**

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Reference 0.1