

Technical Information

Baypure CX 100/34 %

Article No.:
05565413

Form supplied:

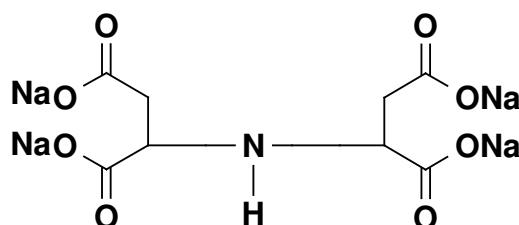
CAS-No.: 144538-83-0

mm = 337.1 g/mole

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Empirical formula: C₈H₇NO₈Na₄

Structural formula:



Germ. : Baypure CX 100 / 34 %

Fr. :

Span. :

Port. :

Description : Colourless to light yellow aqueous solution.

Valid from: 2003-10-21
Cancels edition dated: 2001-04-06
Reason for issue: Change Segment Storage

Specification No.: 05565413-1-02

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LANXESS Deutschland GmbH
Business Unit Performance Chemicals
D-51369 Leverkusen

Baypure CX 100/34 %

Specification :

Appearance:	conforms with product description
Assay of iminosuccinic acid sodium salt (H-NMR-spectroscopy):	33 – 35 %

Specification values are subject to constant monitoring.

Characteristic data :

pH of solution:	10.3 - 11.4
Density (20 °C, solution):	1.32 - 1.35 g/cm ³
Assay NH ₃ :	max. 70 mg/kg
Colour number Hazen (APHA):	max. 300

Characteristic data provide further information about the product and are not subject to constant monitoring. They are therefore not binding (see notes in last section).

Uses :

As a complexing agent for alkaline earth and heavy metal ions in detergent and cleaning agent applications, textile and paper applications, photographic applications, the ceramics industry and trace nutrient fertilisers in agriculture. Effective as a scale deposit remover, water softener and bleaching agent stabiliser.

Standard packing/Storage:

Plastic drum, contents 260 kg.

Small tank container, contents 1,250 kg.

If correctly stored and kept in the Original sealed package, the shelf life is 3 years.

The solution is stable in storage at temperatures down to 5 °C. Below 5 °C there may be turbidity owing to the crystallization of fumaric acid sodium salt; this dissolves again, however, when dissolved or when the temperature is increased. Suitable materials for storage tanks (up to 50 °C storage temperature) are 1.4401, 1.4404, 1.4571, 1.4435, AISI 316 and AISI 3162.

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Shipping, toxicity and hazards :

Please note our EU-safety data sheet No. 699229.

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