

Technical Information

Rheocare® XGN

PRD 30654984

Valid since	05.12.2018
Revision	2.0
WF-No.	18137
Page	1 of 3

® = registered trademark of BASF in many countries ™ = Trademark of BASF

Care Chemicals**INCI name(s)**

Xanthan Gum

Chemical description

Xanthan Gum

Physical form:

White to slightly yellow powder with characteristic odor

CASR-No.

11138-66-2

Ingredient

Xanthan gum

Characteristic values

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the product.

Quality control data

(Data which is used for quality release and is certified for each batch.)

Test property

Appearance

Odor

Loss on drying

Viscosity Brookfield (25 °C; sp 3, 60 rpm; @ 1 % Xanthan in 1 % KCL solution)

pH value 25 °C (1 % in water)

Specification

Corresponds to the standard

Corresponds to the standard

max. 12.0 %

1300 - 1700 mPas

5.5 - 8.0

Specific methods used for batch release see Certificate of Analysis.

Storage information**Shelf life**

36 months

Storage temperature

< + 30 °C

Storage conditions

In original sealed containers and protected from moisture

Technical Information

Rheocare® XGN

PRD 30654984

Valid since 05.12.2018
Revision 2.0
WF-No. 18137
Page 2 of 3

® = registered trademark of BASF in many countries ™ = Trademark of BASF

Care Chemicals

Stabilising additives / Auxiliaries

Preservatives

not present

Antioxidants

not present

Solvents

not present

Others

not present

General information

Raw material basis

Vegetable: Glucose

Composition hints for finished product label

INCI Components

INCI Name (US/EU/CN)

Xanthan Gum

Content

Complete *

* Complete means conclusively describes the substance

Miscellaneous information

Example of use

In personal care products, Rheocare® XGN is used to co-stabilize emulsion (0.1 - 0.5 %) and thicken water-based systems as shower gel and shampoo (up to 1 %). This polymer is non sensitive to electrolytes and high shear rates, stable over large pH range (2 - 12). Especially suitable for all green applications.



We create chemistry

Technical Information

Rheocare® XGN

PRD 30654984

Valid since	05.12.2018
Revision	2.0
WF-No.	18137
Page	3 of 3

® = registered trademark of BASF in many countries ™ = Trademark of BASF

Care Chemicals

Intended for use as cosmetic ingredient

Disclaimer

This document, or any answers or information provided herein by BASF, does not constitute a legally binding obligation of BASF. While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. It does not relieve our customers from the obligation to perform a full inspection of the products upon delivery or any other obligation. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE.