

# Dialdehyde Nano-crystalline Cellulose Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

<https://marketpublishers.com/r/DD3FBC724D5FEN.html>

Date: January 2020

Pages: 96

Price: US\$ 3,000.00 (Single User License)

ID: DD3FBC724D5FEN

## Abstracts

### SUMMARY

Further key aspects of the report indicate that:

Chapter 1: Research Scope: Product Definition, Type, End-Use & Methodology

Chapter 2: Global Industry Summary

Chapter 3: Market Dynamics

Chapter 4: Global Market Segmentation by region, type and End-Use

Chapter 5: North America Market Segmentation by region, type and End-Use

Chapter 6: Europe Market Segmentation by region, type and End-Use

Chapter 7: Asia-Pacific Market Segmentation by region, type and End-Use

Chapter 8: South America Market Segmentation by region, type and End-Use

Chapter 9: Middle East and Africa Market Segmentation by region, type and End-Use.

Chapter 10: Market Competition by Companies

Chapter 11: Market forecast and environment forecast.

Chapter 12: Industry Summary.

The global Dialdehyde Nano-crystalline Cellulose market has the potential to grow with xx million USD with growing CAGR in the forecast period from 2021f to 2026f. Factors driving the market for @@@@ are the significant development of demand and improvement of COVID-19 and geo-economics.

Based on the type of product, the global Dialdehyde Nano-crystalline Cellulose market segmented into

Sulfuric Acid Hydrolysis Method

## Enzymatic Hydrolysis Method

Based on the end-use, the global Dialdehyde Nano-crystalline Cellulose market classified into

Food packaging

Automotive

Aerospace

Pharmaceutical and Biomedical

Paints and Coatings

Electronics

Oil Spills

Based on geography, the global Dialdehyde Nano-crystalline Cellulose market segmented into

North America [U.S., Canada, Mexico]

Europe [Germany, UK, France, Italy, Rest of Europe]

Asia-Pacific [China, India, Japan, South Korea, Southeast Asia, Australia, Rest of Asia Pacific]

South America [Brazil, Argentina, Rest of Latin America]

Middle East & Africa [GCC, North Africa, South Africa, Rest of Middle East and Africa]

And the major players included in the report are

Inventia AB

Novozymes

Kruger Inc

Cellulforce

American Process Inc

Nippon Paper Group In

Borregard ASA

## Contents

### 1 RESEARCH SCOPE

- 1.1 Research Product Definition
- 1.2 Research Segmentation
  - 1.2.1 Product Type
  - 1.2.2 Main product Type of Major Players
- 1.3 Demand Overview
- 1.4 Research Methodology

### 2 GLOBAL DIALDEHYDE NANO-CRYSTALLINE CELLULOSE INDUSTRY

- 2.1 Summary about Dialdehyde Nano-crystalline Cellulose Industry
- 2.2 Dialdehyde Nano-crystalline Cellulose Market Trends
  - 2.2.1 Dialdehyde Nano-crystalline Cellulose Production & Consumption Trends
  - 2.2.2 Dialdehyde Nano-crystalline Cellulose Demand Structure Trends
- 2.3 Dialdehyde Nano-crystalline Cellulose Cost & Price

### 3 MARKET DYNAMICS

- 3.1 Manufacturing & Purchasing Behavior in 2020
- 3.2 Market Development under the Impact of COVID-19
  - 3.2.1 Drivers
  - 3.2.2 Restraints
  - 3.2.3 Opportunity
  - 3.2.4 Risk

### 4 GLOBAL MARKET SEGMENTATION

- 4.1 Region Segmentation (2017 to 2021f)
  - 4.1.1 North America (U.S., Canada and Mexico)
  - 4.1.2 Europe (Germany, UK, France, Italy, Rest of Europe)
  - 4.1.3 Asia-Pacific (China, India, Japan, South Korea, Southeast Asia, Australia, Rest of Asia Pacific)
  - 4.1.4 South America (Brazil,, Argentina, Rest of Latin America)
  - 4.1.5 Middle East and Africa (GCC, North Africa, South Africa, Rest of Middle East and Africa)
- 4.2 Product Type Segmentation (2017 to 2021f)

- 4.2.1 Sulfuric Acid Hydrolysis Method
- 4.2.2 Enzymatic Hydrolysis Method
- 4.3 Consumption Segmentation (2017 to 2021f)
  - 4.3.1 Food packaging
  - 4.3.2 Automotive
  - 4.3.3 Aerospace
  - 4.3.4 Pharmaceutical and Biomedical
  - 4.3.5 Paints and Coatings
  - 4.3.6 Electronics
  - 4.3.7 Oil Spills

## **5 NORTH AMERICA MARKET SEGMENT**

- 5.1 Region Segmentation (2017 to 2021f)
  - 5.1.1 U.S.
  - 5.1.2 Canada
  - 5.1.3 Mexico
- 5.2 Product Type Segmentation (2017 to 2021f)
  - 5.2.1 Sulfuric Acid Hydrolysis Method
  - 5.2.2 Enzymatic Hydrolysis Method
- 5.3 Consumption Segmentation (2017 to 2021f)
  - 5.3.1 Food packaging
  - 5.3.2 Automotive
  - 5.3.3 Aerospace
  - 5.3.4 Pharmaceutical and Biomedical
  - 5.3.5 Paints and Coatings
  - 5.3.6 Electronics
  - 5.3.7 Oil Spills
- 5.4 Impact of COVID-19 in North America

## **6 EUROPE MARKET SEGMENTATION**

- 6.1 Region Segmentation (2017 to 2021f)
  - 6.1.1 Germany
  - 6.1.2 UK
  - 6.1.3 France
  - 6.1.4 Italy
  - 6.1.5 Rest of Europe
- 6.2 Product Type Segmentation (2017 to 2021f)

- 6.2.1 Sulfuric Acid Hydrolysis Method
- 6.2.2 Enzymatic Hydrolysis Method
- 6.3 Consumption Segmentation (2017 to 2021f)
  - 6.3.1 Food packaging
  - 6.3.2 Automotive
  - 6.3.3 Aerospace
  - 6.3.4 Pharmaceutical and Biomedical
  - 6.3.5 Paints and Coatings
  - 6.3.6 Electronics
  - 6.3.7 Oil Spills
- 6.4 Impact of COVID-19 in Europe

## **7 ASIA-PACIFIC MARKET SEGMENTATION**

- 7.1 Region Segmentation (2017 to 2021f)
  - 7.1.1 China
  - 7.1.2 India
  - 7.1.3 Japan
  - 7.1.4 South Korea
  - 7.1.5 Southeast Asia
  - 7.1.6 Australia
  - 7.1.7 Rest of Asia Pacific
- 7.2 Product Type Segmentation (2017 to 2021f)
  - 7.2.1 Sulfuric Acid Hydrolysis Method
  - 7.2.2 Enzymatic Hydrolysis Method
- 7.3 Consumption Segmentation (2017 to 2021f)
  - 7.3.1 Food packaging
  - 7.3.2 Automotive
  - 7.3.3 Aerospace
  - 7.3.4 Pharmaceutical and Biomedical
  - 7.3.5 Paints and Coatings
  - 7.3.6 Electronics
  - 7.3.7 Oil Spills
- 7.4 Impact of COVID-19 in Europe

## **8 SOUTH AMERICA MARKET SEGMENTATION**

- 8.1 Region Segmentation (2017 to 2021f)
  - 8.1.1 Brazil

- 8.1.2 Argentina
- 8.1.3 Rest of Latin America
- 8.2 Product Type Segmentation (2017 to 2021f)
  - 8.2.1 Sulfuric Acid Hydrolysis Method
  - 8.2.2 Enzymatic Hydrolysis Method
- 8.3 Consumption Segmentation (2017 to 2021f)
  - 8.3.1 Food packaging
  - 8.3.2 Automotive
  - 8.3.3 Aerospace
  - 8.3.4 Pharmaceutical and Biomedical
  - 8.3.5 Paints and Coatings
  - 8.3.6 Electronics
  - 8.3.7 Oil Spills
- 8.4 Impact of COVID-19 in Europe

## **9 MIDDLE EAST AND AFRICA MARKET SEGMENTATION**

- 9.1 Region Segmentation (2017 to 2021f)
  - 9.1.1 GCC
  - 9.1.2 North Africa
  - 9.1.3 South Africa
  - 9.1.4 Rest of Middle East and Africa
- 9.2 Product Type Segmentation (2017 to 2021f)
  - 9.2.1 Sulfuric Acid Hydrolysis Method
  - 9.2.2 Enzymatic Hydrolysis Method
- 9.3 Consumption Segmentation (2017 to 2021f)
  - 9.3.1 Food packaging
  - 9.3.2 Automotive
  - 9.3.3 Aerospace
  - 9.3.4 Pharmaceutical and Biomedical
  - 9.3.5 Paints and Coatings
  - 9.3.6 Electronics
  - 9.3.7 Oil Spills
- 9.4 Impact of COVID-19 in Europe

## **10 COMPETITION OF MAJOR PLAYERS**

- 10.1 Brief Introduction of Major Players
  - 10.1.1 Innventia AB

- 10.1.2 Novozymes
- 10.1.3 Kruger Inc
- 10.1.4 Celluforce
- 10.1.5 American Process Inc
- 10.1.6 Nippon Paper Group In
- 10.1.7 Borregard ASA
- 10.2 Dialdehyde Nano-crystalline Cellulose Sales Date of Major Players (2017-2020e)
  - 10.2.1 Innventia AB
  - 10.2.2 Novozymes
  - 10.2.3 Kruger Inc
  - 10.2.4 Celluforce
  - 10.2.5 American Process Inc
  - 10.2.6 Nippon Paper Group In
  - 10.2.7 Borregard ASA
- 10.3 Market Distribution of Major Players
- 10.4 Global Competition Segmentation

## **11 MARKET FORECAST**

- 11.1 Forecast by Region
- 11.2 Forecast by Demand
- 11.3 Environment Forecast
  - 11.3.1 Impact of COVID-19
  - 11.3.2 Geopolitics Overview
  - 11.3.3 Economic Overview of Major Countries

## **12 REPORT SUMMARY STATEMENT**



## List Of Tables

### LIST OF TABLES

1. Table Dialdehyde Nano-crystalline Cellulose Product Type Overview
2. Table Dialdehyde Nano-crystalline Cellulose Product Type Market Share List
3. Table Dialdehyde Nano-crystalline Cellulose Product Type of Major Players
4. Table Brief Introduction of Innventia AB
5. Table Brief Introduction of Novozymes
6. Table Brief Introduction of Kruger Inc
7. Table Brief Introduction of Celluforce
8. Table Brief Introduction of American Process Inc
9. Table Brief Introduction of Nippon Paper Group In
10. Table Brief Introduction of Borregard ASA
11. Table Products & Services of Innventia AB
12. Table Products & Services of Novozymes
13. Table Products & Services of Kruger Inc
14. Table Products & Services of Celluforce
15. Table Products & Services of American Process Inc
16. Table Products & Services of Nippon Paper Group In
17. Table Products & Services of Borregard ASA
18. Table Market Distribution of Major Players
19. Table Global Major Players Sales Revenue (Million USD) 2017-2020e
20. Table Global Major Players Sales Revenue (Million USD) Share 2017-2020e
21. Table Global Dialdehyde Nano-crystalline Cellulose Market Forecast (Million USD) by Region 2021f-2026f
22. Table Global Dialdehyde Nano-crystalline Cellulose Market Forecast (Million USD) Share by Region 2021f-2026f
23. Table Global Dialdehyde Nano-crystalline Cellulose Market Forecast (Million USD) by Demand 2021f-2026f
24. Table Global Dialdehyde Nano-crystalline Cellulose Market Forecast (Million USD) Share by Demand 2021f-2026f

## List Of Figures

### LIST OF FIGURES

1. Figure Global Dialdehyde Nano-crystalline Cellulose Market Size under the Impact of COVID-19, 2017-2021f (USD Million)
2. Figure Global Dialdehyde Nano-crystalline Cellulose Market by Region under the Impact of COVID-19, 2017-2021f (USD Million)
3. Figure Global Dialdehyde Nano-crystalline Cellulose Market by Product Type under the Impact of COVID-19, 2017-2021f (USD Million)
4. Figure Global Dialdehyde Nano-crystalline Cellulose Market by Demand under the Impact of COVID-19, 2017-2021f (USD Million)
5. Figure Global Dialdehyde Nano-crystalline Cellulose Production by Region under the Impact of COVID-19, 2021-2026 (USD Million)
6. Figure Global Dialdehyde Nano-crystalline Cellulose Consumption by Region under the Impact of COVID-19, 2021-2026 (USD Million)
7. Figure Global Dialdehyde Nano-crystalline Cellulose Consumption by Type under the Impact of COVID-19, 2021-2026 (USD Million)
8. Figure North America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
9. Figure Europe Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
10. Figure Asia-Pacific Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
11. Figure South America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
12. Figure Middle East and Africa Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
13. Figure Sulfuric Acid Hydrolysis Method Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
14. Figure Enzymatic Hydrolysis Method Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
15. Figure Food packaging Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
16. Figure Automotive Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
17. Figure Aerospace Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
18. Figure Pharmaceutical and Biomedical Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

19. Figure Paints and Coatings Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
20. Figure Electronics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
21. Figure Oil Spills Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
22. Figure U.S. Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
23. Figure Canada Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
24. Figure Mexico Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
25. Figure Sulfuric Acid Hydrolysis Method Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
26. Figure Enzymatic Hydrolysis Method Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
27. Figure Food packaging Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
28. Figure Automotive Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
29. Figure Aerospace Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
30. Figure Pharmaceutical and Biomedical Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
31. Figure Paints and Coatings Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
32. Figure Electronics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
33. Figure Oil Spills Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
34. Figure Germany Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
35. Figure UK Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
36. Figure France Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
37. Figure Italy Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
38. Figure Rest of Europe Market Size (USD Million) 2017-2021f and Year-over-year

(YOY) Growth (%) 2018-2021f

39. Figure Sulfuric Acid Hydrolysis Method Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

40. Figure Enzymatic Hydrolysis Method Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

41. Figure Food packaging Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

42. Figure Automotive Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

43. Figure Aerospace Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

44. Figure Pharmaceutical and Biomedical Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

45. Figure Paints and Coatings Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

46. Figure Electronics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

47. Figure Oil Spills Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

48. Figure China Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

49. Figure India Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

50. Figure Japan Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

51. Figure South Korea Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

52. Figure Southeast Asia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

53. Figure Australia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

54. Figure Rest of Asia Pacific Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

55. Figure Sulfuric Acid Hydrolysis Method Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

56. Figure Enzymatic Hydrolysis Method Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

57. Figure Food packaging Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f

58. Figure Automotive Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
59. Figure Aerospace Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
60. Figure Pharmaceutical and Biomedical Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
61. Figure Paints and Coatings Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
62. Figure Electronics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
63. Figure Oil Spills Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
64. Figure Brazil Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
65. Figure Argentina Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
66. Figure Rest of Latin America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
67. Figure Sulfuric Acid Hydrolysis Method Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
68. Figure Enzymatic Hydrolysis Method Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
69. Figure Food packaging Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
70. Figure Automotive Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
71. Figure Aerospace Segmentation Market Size (USD Million) 2017-2021f and Year-over-year

## I would like to order

Product name: Dialdehyde Nano-crystalline Cellulose Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

Product link: <https://marketpublishers.com/r/DD3FBC724D5FEN.html>

Price: US\$ 3,000.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/DD3FBC724D5FEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

