

Delta Decalactone Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

https://marketpublishers.com/r/D7C69BD202DDEN.html

Date: November 2020

Pages: 138

Price: US\$ 2,800.00 (Single User License)

ID: D7C69BD202DDEN

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 Delta Decalactone 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 Delta Decalactone market segmented into

Coconut Oil



Butter Oil Peaches Apricots Cane Sugar Cheese Pork Fat Based on the end-use, the global Delta Decalactone market classified into Food & Beverages Fragrance Cosmetics Other Applications Based on geography, the global Delta Decalactone 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

Robertet
Fleurchem
Vigon International
Sunaux
Ernesto Vent?s
M&U International
Sigma-Aldrich
A.C.S. International
United International Company
Shenzhen Simeiquan Biotechnology
Nanjing Oriental Pearl Industry & Trade Industry
Xiamen Miracle Bio-Technology Company
Guangzhou Rihua Flavor & Fragrance
Fairlong Aroma Chemical Company
Beijing LYS Chemicals



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 DELTA DECALACTONE INDUSTRY

- 2.1 Summary about Delta Decalactone Industry
- 2.2 Delta Decalactone Market Trends
 - 2.2.1 Delta Decalactone Production & Consumption Trends
 - 2.2.2 Delta Decalactone Demand Structure Trends
- 2.3 Delta Decalactone 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 Coconut Oil
- 4.2.2 Butter Oil
- 4.2.3 Peaches
- 4.2.4 Apricots
- 4.2.5 Cane Sugar
- 4.2.6 Cheese
- 4.2.7 Pork Fat
- 4.3 Consumption Segmentation (2017 to 2021f)
 - 4.3.1 Food & Beverages
 - 4.3.2 Fragrance
 - 4.3.3 Cosmetics
 - 4.3.4 Other Applications

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 Coconut Oil
 - 5.2.2 Butter Oil
 - 5.2.3 Peaches
 - 5.2.4 Apricots
 - 5.2.5 Cane Sugar
 - 5.2.6 Cheese
 - 5.2.7 Pork Fat
- 5.3 Consumption Segmentation (2017 to 2021f)
 - 5.3.1 Food & Beverages
 - 5.3.2 Fragrance
 - 5.3.3 Cosmetics
 - 5.3.4 Other Applications
- 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 Coconut Oil
 - 6.2.2 Butter Oil
 - 6.2.3 Peaches
 - 6.2.4 Apricots
 - 6.2.5 Cane Sugar
 - 6.2.6 Cheese
 - 6.2.7 Pork Fat
- 6.3 Consumption Segmentation (2017 to 2021f)
 - 6.3.1 Food & Beverages
 - 6.3.2 Fragrance
 - 6.3.3 Cosmetics
 - 6.3.4 Other Applications
- 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 Coconut Oil
 - 7.2.2 Butter Oil
 - 7.2.3 Peaches
 - 7.2.4 Apricots
 - 7.2.5 Cane Sugar
 - 7.2.6 Cheese
- 7.2.7 Pork Fat
- 7.3 Consumption Segmentation (2017 to 2021f)
 - 7.3.1 Food & Beverages
 - 7.3.2 Fragrance



- 7.3.3 Cosmetics
- 7.3.4 Other Applications
- 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 Coconut Oil
 - 8.2.2 Butter Oil
 - 8.2.3 Peaches
 - 8.2.4 Apricots
 - 8.2.5 Cane Sugar
 - 8.2.6 Cheese
 - 8.2.7 Pork Fat
- 8.3 Consumption Segmentation (2017 to 2021f)
 - 8.3.1 Food & Beverages
 - 8.3.2 Fragrance
 - 8.3.3 Cosmetics
 - 8.3.4 Other Applications
- 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 Coconut Oil
 - 9.2.2 Butter Oil
 - 9.2.3 Peaches
 - 9.2.4 Apricots
 - 9.2.5 Cane Sugar
 - 9.2.6 Cheese



- 9.2.7 Pork Fat
- 9.3 Consumption Segmentation (2017 to 2021f)
 - 9.3.1 Food & Beverages
 - 9.3.2 Fragrance
 - 9.3.3 Cosmetics
 - 9.3.4 Other Applications
- 9.4 Impact of COVID-19 in Europe

10 COMPETITION OF MAJOR PLAYERS

- 10.1 Brief Introduction of Major Players
 - 10.1.1 Robertet
 - 10.1.2 Fleurchem
 - 10.1.3 Vigon International
 - 10.1.4 Sunaux
 - 10.1.5 Ernesto Vent?s
 - 10.1.6 M&U International
 - 10.1.7 Sigma-Aldrich
 - 10.1.8 A.C.S. International
 - 10.1.9 United International Company
 - 10.1.10 Shenzhen Simeiquan Biotechnology
 - 10.1.11 Nanjing Oriental Pearl Industry & Trade Industry
 - 10.1.12 Xiamen Miracle Bio-Technology Company
- 10.1.13 Guangzhou Rihua Flavor & Fragrance
- 10.1.14 Fairlong Aroma Chemical Company
- 10.1.15 Beijing LYS Chemicals
- 10.2 Delta Decalactone Sales Date of Major Players (2017-2020e)
 - 10.2.1 Robertet
 - 10.2.2 Fleurchem
 - 10.2.3 Vigon International
 - 10.2.4 Sunaux
 - 10.2.5 Ernesto Vent?s
 - 10.2.6 M&U International
 - 10.2.7 Sigma-Aldrich
 - 10.2.8 A.C.S. International
 - 10.2.9 United International Company
 - 10.2.10 Shenzhen Simeiguan Biotechnology
 - 10.2.11 Nanjing Oriental Pearl Industry & Trade Industry
 - 10.2.12 Xiamen Miracle Bio-Technology Company



- 10.2.13 Guangzhou Rihua Flavor & Fragrance
- 10.2.14 Fairlong Aroma Chemical Company
- 10.2.15 Beijing LYS Chemicals
- 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 Delta Decalactone Product Type Overview
- 2. Table Delta Decalactone Product Type Market Share List
- 3. Table Delta Decalactone Product Type of Major Players
- 4. Table Brief Introduction of Robertet
- 5. Table Brief Introduction of Fleurchem
- 6. Table Brief Introduction of Vigon International
- 7. Table Brief Introduction of Sunaux
- 8. Table Brief Introduction of Ernesto Vent?s
- 9. Table Brief Introduction of M&U International
- 10. Table Brief Introduction of Sigma-Aldrich
- 11. Table Brief Introduction of A.C.S. International
- 12. Table Brief Introduction of United International Company
- 13. Table Brief Introduction of Shenzhen Simeiquan Biotechnology
- 14. Table Brief Introduction of Nanjing Oriental Pearl Industry & Trade Industry
- 15. Table Brief Introduction of Xiamen Miracle Bio-Technology Company
- 16. Table Brief Introduction of Guangzhou Rihua Flavor & Fragrance
- 17. Table Brief Introduction of Fairlong Aroma Chemical Company
- 18. Table Brief Introduction of Beijing LYS Chemicals
- 19. Table Products & Services of Robertet
- 20. Table Products & Services of Fleurchem
- 21. Table Products & Services of Vigon International
- 22. Table Products & Services of Sunaux
- 23. Table Products & Services of Ernesto Vent?s
- 24. Table Products & Services of M&U International
- 25. Table Products & Services of Sigma-Aldrich
- 26. Table Products & Services of A.C.S. International
- 27. Table Products & Services of United International Company
- 28. Table Products & Services of Shenzhen Simeiquan Biotechnology
- 29. Table Products & Services of Nanjing Oriental Pearl Industry & Trade Industry
- 30. Table Products & Services of Xiamen Miracle Bio-Technology Company
- 31. Table Products & Services of Guangzhou Rihua Flavor & Fragrance
- 32. Table Products & Services of Fairlong Aroma Chemical Company
- 33. Table Products & Services of Beijing LYS Chemicals
- 34. Table Market Distribution of Major Players
- 35. Table Global Major Players Sales Revenue (Million USD) 2017-2020e
- 36. Table Global Major Players Sales Revenue (Million USD) Share 2017-2020e



- 37. Table Global Delta Decalactone Market Forecast (Million USD) by Region 2021f-2026f
- 38. Table Global Delta Decalactone Market Forecast (Million USD) Share by Region 2021f-2026f
- 39. Table Global Delta Decalactone Market Forecast (Million USD) by Demand 2021f-2026f
- 40. Table Global Delta Decalactone Market Forecast (Million USD) Share by Demand 2021f-2026f



List Of Figures

LIST OF FIGURES

- 1. Figure Global Delta Decalactone Market Size under the Impact of COVID-19, 2017-2021f (USD Million)
- 2. Figure Global Delta Decalactone Market by Region under the Impact of COVID-19, 2017-2021f (USD Million)
- 3. Figure Global Delta Decalactone Market by Product Type under the Impact of COVID-19, 2017-2021f (USD Million)
- 4. Figure Global Delta Decalactone Market by Demand under the Impact of COVID-19, 2017-2021f (USD Million)
- 5. Figure Global Delta Decalactone Production by Region under the Impact of COVID-19, 2021-2026 (USD Million)
- 6. Figure Global Delta Decalactone Consumption by Region under the Impact of COVID-19, 2021-2026 (USD Million)
- 7. Figure Global Delta Decalactone 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 Coconut Oil Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 14. Figure Butter Oil Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 15. Figure Peaches Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 16. Figure Apricots Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 17. Figure Cane Sugar Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 18.Figure Cheese Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f



- 19. Figure Pork Fat Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 20.Figure Food & Beverages Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 21. Figure Fragrance Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 22. Figure Cosmetics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 23. Figure Other Applications Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 24.Figure U.S. Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 25. Figure Canada Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 26.Figure Mexico Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 27. Figure Coconut Oil Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 28. Figure Butter Oil Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 29. Figure Peaches Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 30. Figure Apricots Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 31. Figure Cane Sugar Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 32. Figure Cheese Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 33. Figure Pork Fat Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 34. Figure Food & Beverages Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 35. Figure Fragrance Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 36. Figure Cosmetics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 37. Figure Other Applications Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 38. Figure Germany Market Size (USD Million) 2017-2021f and Year-over-year (YOY)



- Growth (%) 2018-2021f
- 39. Figure UK Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 40.Figure France Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 41.Figure Italy Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 42. Figure Rest of Europe Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 43. Figure Coconut Oil Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 44. Figure Butter Oil Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 45. Figure Peaches Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 46.Figure Apricots Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 47. Figure Cane Sugar Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 48. Figure Cheese Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 49. Figure Pork Fat Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 50. Figure Food & Beverages Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 51. Figure Fragrance Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 52. Figure Cosmetics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 53. Figure Other Applications Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 54. Figure China Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 55. Figure India Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 56. Figure Japan Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 57. Figure South Korea Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f



- 58. Figure Southeast Asia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 59. Figure Australia Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 60. Figure Rest of Asia Pacific Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 61. Figure Coconut Oil Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 62. Figure Butter Oil Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 63. Figure Peaches Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 64. Figure Apricots Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 65. Figure Cane Sugar Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 66. Figure Cheese Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 67. Figure Pork Fat Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 68. Figure Food & Beverages Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 69. Figure Fragrance Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 70. Figure Cosmetics Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 71. Figure Other Applications Segmentation Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 72. Figure Brazil Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 73. Figure Argentina Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 74. Figure Rest of Latin America Market Size (USD Million) 2017-2021f and Year-over-year (YOY) Growth (%) 2018-2021f
- 75. Figure Coconut Oil Segmentation Market Size (USD Million) 2017-2021f and Year-



I would like to order

Product name: Delta Decalactone Market Status and Trend Analysis 2017-2026 (COVID-19 Version)

Product link: https://marketpublishers.com/r/D7C69BD202DDEN.html

Price: US\$ 2,800.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/D7C69BD202DDEN.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
	Custumer 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