

United States Organosulfur Industry 2016 Market Research Report

<https://marketpublishers.com/r/U9C4108BD62EN.html>

Date: July 2016

Pages: 130

Price: US\$ 3,800.00 (Single User License)

ID: U9C4108BD62EN

Abstracts

The United States Organosulfur Industry 2016 Market Research Report is a professional and in-depth study on the current state of the Organosulfur industry.

The report provides a basic overview of the industry including definitions, classifications, applications and industry chain structure. The Organosulfur market analysis is provided for the United States markets including development trends, competitive landscape analysis, and key regions development status.

Development policies and plans are discussed as well as manufacturing processes and Bill of Materials cost structures are also analyzed. This report also states import/export consumption, supply and demand Figures, cost, price, revenue and gross margins.

The report focuses on United States major leading industry players providing information such as company profiles, product picture and specification, capacity, production, price, cost, revenue and contact information. Upstream raw materials and equipment and downstream demand analysis is also carried out. The Organosulfur industry development trends and marketing channels are analyzed. Finally the feasibility of new investment projects are assessed and overall research conclusions offered.

With 148 tables and figures the report provides key statistics on the state of the industry and is a valuable source of guidance and direction for companies and individuals interested in the market.

Contents

1 INDUSTRY OVERVIEW

- 1.1 Definition and Specifications of Organosulfur
 - 1.1.1 Definition of Organosulfur
 - 1.1.2 Specifications of Organosulfur
- 1.2 Classification of Organosulfur
- 1.3 Applications of Organosulfur
 - 1.3.1 WATER TREATMENT
 - 1.3.2 WOOD PRESERVATION
- 1.4 Industry Chain Structure of Organosulfur
- 1.5 Industry Overview of Organosulfur
- 1.6 Industry Policy Analysis of Organosulfur
- 1.7 Industry News Analysis of Organosulfur

2 MANUFACTURING COST STRUCTURE ANALYSIS OF ORGANOSULFUR

- 2.1 Bill of Materials (BOM) of Organosulfur
- 2.2 BOM Price Analysis of Organosulfur
- 2.3 Labor Cost Analysis of Organosulfur
- 2.4 Depreciation Cost Analysis of Organosulfur
- 2.5 Manufacturing Cost Structure Analysis of Organosulfur
- 2.6 Manufacturing Process Analysis of Organosulfur
- 2.7 United States Price, Cost and Gross of Organosulfur 2011-2016

3 TECHNICAL DATA AND MANUFACTURING PLANTS ANALYSIS

- 3.1 Capacity and Commercial Production Date of United States Key Manufacturers in 2015
- 3.2 Manufacturing Plants Distribution of United States Key Organosulfur Manufacturers in 2015
- 3.3 R&D Status and Technology Source of United States Organosulfur Key Manufacturers in 2015
- 3.4 Raw Materials Sources Analysis of United States Organosulfur Key Manufacturers in 2015

4 PRODUCTION ANALYSIS OF ORGANOSULFUR BY REGIONS, TYPE, AND APPLICATIONS

- 4.1 United States Production of Organosulfur by Regions 2011-2016
- 4.2 United States Production of Organosulfur by Type 2011-2016
- 4.3 United States Sales of Organosulfur by Applications 2011-2016
- 4.4 Price Analysis of United States Organosulfur Key Manufacturers in 2015
- 4.5 United States Capacity, Production, Import, Export, Sales, Price, Cost and Revenue of Organosulfur 2011-2016

5 CONSUMPTION VOLUME AND CONSUMPTION VALUE ANALYSIS OF ORGANOSULFUR BY REGIONS

- 5.1 United States Consumption Volume of Organosulfur by Regions 2011-2016
- 5.2 United States Consumption Value of Organosulfur by Regions 2011-2016
- 5.3 United States Consumption Price Analysis of Organosulfur by Regions 2011-2016

6 ANALYSIS OF ORGANOSULFUR PRODUCTION, SUPPLY, SALES AND MARKET STATUS 2011-2016

- 6.1 Capacity, Production, Sales, and Revenue of Organosulfur 2011-2016
- 6.2 Production Market Share and Sales Market Share Analysis of Organosulfur 2014-2015
- 6.3 Sales Overview of Organosulfur 2011-2016
- 6.4 Supply, Consumption and Gap of Organosulfur 2011-2016
- 6.5 Import, Export and Consumption of Organosulfur 2011-2016
- 6.6 Cost, Price, Revenue and Gross Margin of Organosulfur 2011-2016

7 ANALYSIS OF ORGANOSULFUR INDUSTRY KEY MANUFACTURERS

7.1 BASF SE

- 7.1.1 Company Profile
- 7.1.2 Product Picture and Specifications
 - 7.1.2.1 Type I
 - 7.1.2.2 Type II
 - 7.1.2.3 Type III
- 7.1.3 Capacity, Production, Price, Cost, Gross and Revenue
- 7.1.4 Contact Information

7.2 THE LUBRIZOL CORPORATION

- 7.2.1 Company Profile
- 7.2.2 Product Picture and Specifications

- 7.2.2.1 Type I
- 7.2.2.2 Type II
- 7.2.2.3 Type III
- 7.2.3 Capacity, Production, Price, Cost, Gross and Revenue
- 7.2.4 Contact Information
- 7.3 AKZONOBEL N.V.
 - 7.3.1 Company Profile
 - 7.3.2 Product Picture and Specifications
 - 7.3.2.1 Type I
 - 7.3.2.2 Type II
 - 7.3.2.3 Type III
 - 7.3.3 Capacity, Production, Price, Cost, Gross and Revenue
 - 7.3.4 Contact Information
- 7.4 CLARIANT AG
 - 7.4.1 Company Profile
 - 7.4.2 Product Picture and Specifications
 - 7.4.2.1 Type I
 - 7.4.2.2 Type II
 - 7.4.2.3 Type III
 - 7.4.3 Capacity, Production, Price, Cost, Gross and Revenue
 - 7.4.4 Contact Information
- 7.5 THE DOW CHEMICAL COMPANY
 - 7.5.1 Company Profile
 - 7.5.2 Product Picture and Specifications
 - 7.5.2.1 Type I
 - 7.5.2.2 Type II
 - 7.5.2.3 Type III
 - 7.5.3 Capacity, Production, Price, Cost, Gross and Revenue
 - 7.5.4 Contact Information
- 7.6 KEMIRA OYJ
 - 7.6.1 Company Profile
 - 7.6.2 Product Picture and Specifications
 - 7.6.2.1 Type I
 - 7.6.2.2 Type II
 - 7.6.2.3 Type III
 - 7.6.3 Capacity, Production, Price, Cost, Gross and Revenue
 - 7.6.4 Contact Information
- 7.7 TROY CORPORATION
 - 7.7.1 Company Profile

- 7.7.2 Product Picture and Specifications
 - 7.7.2.1 Type I
 - 7.7.2.2 Type II
 - 7.7.2.3 Type III
- 7.7.3 Capacity, Production, Price, Cost, Gross and Revenue
- 7.7.4 Contact Information
- 7.8 THOR GROUP LIMITED
 - 7.8.1 Company Profile
 - 7.8.2 Product Picture and Specifications
 - 7.8.2.1 Type I
 - 7.8.2.2 Type II
 - 7.8.2.3 Type III
 - 7.8.3 Capacity, Production, Price, Cost, Gross and Revenue
 - 7.8.4 Contact Information
- 7.9 LANXESS AG
 - 7.9.1 Company Profile
 - 7.9.2 Product Picture and Specifications
 - 7.9.2.1 Type I
 - 7.9.2.2 Type II
 - 7.9.2.3 Type III
 - 7.9.3 Capacity, Production, Price, Cost, Gross and Revenue
 - 7.9.4 Contact Information
- 7.10 SOLVAY SA
 - 7.10.1 Company Profile
 - 7.10.2 Product Picture and Specifications
 - 7.10.2.1 Type I
 - 7.10.2.2 Type II
 - 7.10.2.3 Type III
 - 7.10.3 Capacity, Production, Price, Cost, Gross and Revenue
 - 7.10.4 Contact Information

8 PRICE AND GROSS MARGIN ANALYSIS

- 8.1 Analysis of Price
- 8.2 Gross Margin Analysis
- 8.3 Price Comparison by Regions
- 8.4 Price Analysis of Different Organosulfur Product Types
- 8.5 Market Share Analysis of Different Organosulfur Price Levels
- 8.6 Gross Margin Analysis of Different Organosulfur Applications

9 MARKETING TRADER OR DISTRIBUTOR ANALYSIS OF ORGANOSULFUR

- 9.1 Marketing Channels Status of Organosulfur
- 9.2 Traders or Distributors of Organosulfur with Contact Information
- 9.3 Ex-work Price, Channel Price and End Buyer Price Analysis of Organosulfur
- 9.4 United States Import, Export and Trade Analysis of Organosulfur

10 DEVELOPMENT TREND OF ORGANOSULFUR INDUSTRY 2016-2021

- 10.1 Capacity and Production Overview of Organosulfur 2016-2021
- 10.2 Production Market Share by Product Types of Organosulfur 2016-2021
- 10.3 Sales and Sales Revenue Overview of Organosulfur 2016-2021
- 10.4 United States Sales of Organosulfur by Applications 2016-2021
- 10.5 Import, Export and Consumption of Organosulfur 2016-2021
- 10.6 Cost, Price, Revenue and Gross Margin of Organosulfur 2016-2021

11 INDUSTRY CHAIN SUPPLIERS OF ORGANOSULFUR WITH CONTACT INFORMATION

- 11.1 Major Raw Materials Suppliers of Organosulfur with Contact Information
- 11.2 Manufacturing Equipment Suppliers of Organosulfur with Contact Information
- 11.3 Major Players of Organosulfur with Contact Information
- 11.4 Key Consumers of Organosulfur with Contact Information
- 11.5 Supply Chain Relationship Analysis of Organosulfur

12 NEW PROJECT INVESTMENT FEASIBILITY ANALYSIS OF ORGANOSULFUR

- 12.1 New Project SWOT Analysis of Organosulfur
- 12.2 New Project Investment Feasibility Analysis of Organosulfur

13 CONCLUSION OF THE UNITED STATES ORGANOSULFUR INDUSTRY 2016 MARKET RESEARCH REPORT

List Of Tables

LIST OF TABLES AND FIGURES

Figure Picture of Organosulfur
Table Product Specifications of Organosulfur
Table Classification of Organosulfur
Figure United States Sales Market Share of Organosulfur by Product Types in 2015
Table Applications of Organosulfur
Figure United States Sales Market Share of Organosulfur by Applications in 2015
Figure Industry Chain Structure of Organosulfur
Table United States Industry Overview of Organosulfur
Table Industry Policy of Organosulfur
Table Industry News List of Organosulfur
Table Bill of Materials (BOM) of Organosulfur
Table Bill of Materials (BOM) Price of Organosulfur
Table Labor Cost of Organosulfur
Table Depreciation Cost of Organosulfur
Table Manufacturing Cost Structure Analysis of Organosulfur in 2015
Figure Manufacturing Process Analysis of Organosulfur
Table United States Price Analysis of Organosulfur 2011-2016 (USD/MT)
Table United States Cost Analysis of Organosulfur 2011-2016 (USD/MT)
Table United States Gross Analysis of Organosulfur 2011-2016
Table Capacity (MT) and Commercial Production Date of United States Organosulfur
Key Manufacturers in 2015
Table Manufacturing Plants Distribution of United States Key Organosulfur
Manufacturers in 2015
Table R&D Status and Technology Source of United States Organosulfur Key
Manufacturers in 2015
Table Raw Materials Sources Analysis of United States and United States Organosulfur
Key Manufacturers in 2015
Table United States Production of Organosulfur by Regions 2011-2016 (MT)
Table United States Production Market Share of Organosulfur by Regions 2011-2016
Figure United States Production Market Share of Organosulfur by Regions in 2014
Figure United States Production Market Share of Organosulfur by Regions in 2015
Table United States Production of Organosulfur by Types in 2011-2016 (MT)
Table United States Production Market Share of Organosulfur by Type in 2011-2016
Figure United States Production Market Share of Organosulfur by Type in 2014
Figure United States Production Market Share of Organosulfur by Type in 2015

Table United States Sales of Organosulfur by Applications 2011-2016 (MT)

Table United States Production Market Share of Organosulfur by Applications 2011-2016

Figure United States Production Market Share of Organosulfur by Applications in 2014

Figure United States Production Market Share of Organosulfur by Applications in 2015

Table Price Comparison of United States Organosulfur Key Manufacturers in 2015 (USD/MT)

Table United States Capacity, Production, Import Export Sales Price, Cost and Revenue (M USD) of Organosulfur 2011-2016

Table United States Consumption Volume of Organosulfur by Regions 2011-2016 (MT)

Table United States Consumption Volume Market Share of Organosulfur by Regions 2011-2016

Figure United States Consumption Volume Market Share of Organosulfur by Regions in 2014

Figure United States Consumption Volume Market Share of Organosulfur by Regions in 2015

Table United States Consumption Value of Organosulfur by Regions 2011-2016 (M USD)

Table United States Consumption Value Market Share of Organosulfur by Regions 2011-2016

Figure United States Consumption Value Market Share of Organosulfur by Regions in 2014

Figure United States Consumption Value Market Share of Organosulfur by Regions in 2015

Table Consumption Price of Organosulfur by Regions 2011-2016 (USD/MT)

Table United States and Major Manufacturers Capacity of Organosulfur 2011-2016 (MT)

Table United States Capacity Market Share of Major Organosulfur Manufacturers 2011-2016

Table United States and Major Manufacturers Production of Organosulfur 2011-2016 (MT)

Table United States Production Market Share of Major Organosulfur Manufacturers 2011-2016

Table United States and Major Manufacturers Sales of Organosulfur 2011-2016 (MT)

Table United States Sales Market Share of Major Organosulfur Manufacturers 2011-2016

Table United States and Major Manufacturers Sales Revenue of Organosulfur 2011-2016 (M USD)

Table United States Sales Revenue Market Share of Major Organosulfur Manufacturers 2011-2016

Figure United States Capacity (MT), Production (MT) and Growth Rate of Organosulfur 2011-2016

Figure United States Capacity Utilization Rate of Organosulfur 2011-2016

Figure United States Sales Revenue (M USD) and Growth Rate of Organosulfur 2011-2016

Figure United States Production Market Share of Major Organosulfur Manufacturers in 2014

Figure United States Production Market Share of Major Organosulfur Manufacturers in 2015

Figure United States Sales Market Share of Major Organosulfur Manufacturers in 2014

Figure United States Sales Market Share of Major Organosulfur Manufacturers in 2015

Figure United States Sales (MT) and Growth Rate of Organosulfur 2011-2016

Table United States Supply, Consumption and Gap of Organosulfur 2011-2016 (MT)

Table United States Import, Export and Consumption of Organosulfur 2011-2016 (MT)

Table Price of United States Organosulfur Major Manufacturers 2011-2016 (USD/MT)

Table Gross Margin of United States Organosulfur Major Manufacturers 2011-2016

Table United States and Major Manufacturers Revenue of Organosulfur 2011-2016 (M USD)

Table United States Capacity (MT), Production (MT), Price (USD/MT), Cost (USD/MT), Revenue (M USD) and Gross Margin of Organosulfur 2011-2016

Table BASF SE Company Profile (Contact Information Plant Location Capacity Revenue etc)

Figure Organosulfur Picture and Specifications of BASF SE

Table Organosulfur Capacity (MT), Production (MT), Price (USD/MT), Cost (USD/MT), Gross (USD/MT), Revenue (M USD) and Gross Margin of BASF SE 2011-2016

Figure Organosulfur Capacity (MT), Production (MT) and Growth Rate of BASF SE 2011-2016

Figure Organosulfur Production (MT) and United States Market Share of BASF SE 2011-2016

Table BASF SE Organosulfur SWOT Analysis

Table THE LUBRIZOL CORPORATION Company Profile (Contact Information Plant Location Capacity Revenue etc)

Figure Organosulfur Picture and Specifications of THE LUBRIZOL CORPORATION

Table Organosulfur Capacity (MT), Production (MT), Price (USD/MT), Cost (USD/MT), Gross (USD/MT), Revenue (M USD) and Gross Margin of THE LUBRIZOL CORPORATION 2011-2016

Figure Organosulfur Capacity (MT), Production (MT) and Growth Rate of THE LUBRIZOL CORPORATION 2011-2016

Figure Organosulfur Production (MT) and United States Market Share of THE

LUBRIZOL CORPORATION 2011-2016

Table THE LUBRIZOL CORPORATION Organosulfur SWOT Analysis

Table AKZONOBEL N.V. Company Profile (Contact Information Plant Location Capacity Revenue etc)

Figure Organosulfur Picture and Specifications of AKZONOBEL N.V.

Table Organosulfur Capacity (MT), Production (MT), Price (USD/MT), Cost (USD/MT), Gross (USD/MT), Revenue (M USD) and Gross Margin of AKZONOBEL N.V.

2011-2016

Figure Organosulfur Capacity (MT), Production (MT) and Growth Rate of AKZONOBEL N.V. 2011-2016

Figure Organosulfur Production (MT) and United States Market Share of AKZONOBEL N.V. 2011-2016

Table AKZONOBEL N.V. Organosulfur SWOT Analysis

Table CLARIANT AG Company Profile (Contact Information Plant Location Capacity Revenue etc)

Figure Organosulfur Picture and Specifications of CLARIANT AG

Table Organosulfur Capacity (MT), Production (MT), Price (USD/MT), Cost (USD/MT), Gross (USD/MT), Revenue (M USD) and Gross Margin of CLARIANT AG 2011-2016

Figure Organosulfur Capacity (MT), Production (MT) and Growth Rate of CLARIANT AG 2011-2016

Figure Organosulfur Production (MT) and United States Market Share of CLARIANT AG 2011-2016

Table CLARIANT AG Organosulfur SWOT Analysis

Table THE DOW CHEMICAL COMPANY Company Profile (Contact Information Plant Location Capacity Revenue etc)

Figure Organosulfur Picture and Specifications of THE DOW CHEMICAL COMPANY

Table Organosulfur Capacity (MT), Production (MT), Price (USD/MT), Cost (USD/MT), Gross (USD/MT), Revenue (M USD) and Gross Margin of THE DOW CHEMICAL COMPANY 2011-2016

Figure Organosulfur Capacity (MT), Production (MT) and Growth Rate of THE DOW CHEMICAL COMPANY 2011-2016

Figure Organosulfur Production (MT) and United States Market Share of THE DOW CHEMICAL COMPANY 2011-2016

Table THE DOW CHEMICAL COMPANY Organosulfur SWOT Analysis

Table KEMIRA OYJ Company Profile (Contact Information Plant Location Capacity Revenue etc)

Figure Organosulfur Picture and Specifications of KEMIRA OYJ

Table Organosulfur Capacity (MT), Production (MT), Price (USD/MT), Cost (USD/MT), Gross (USD/MT), Revenue (M USD) and Gross Margin of KEMIRA OYJ 2011-2016

Figure Organosulfur Capacity (MT), Production (MT) and Growth Rate of KEMIRA OYJ 2011-2016

Figure Organosulfur Production (MT) and United States Market Share of KEMIRA OYJ 2011-2016

Table KEMIRA OYJ Organosulfur SWOT Analysis

Table TROY CORPORATION Company Profile (Contact Information Plant Location Capacity Revenue etc)

Figure Organosulfur Picture and Specifications of TROY CORPORATION

Table Organosulfur Capacity (MT), Production (MT), Price (USD/MT), Cost (USD/MT), Gross (USD/MT), Revenue (M USD) and Gross Margin of TROY CORPORATION 2011-2016

Figure Organosulfur Capacity (MT), Production (MT) and Growth Rate of TROY CORPORATION 2011-2016

Figure Organosulfur Production (MT) and United States Market Share of TROY CORPORATION 2011-2016

Table TROY CORPORATION Organosulfur SWOT Analysis

Table THOR GROUP LIMITED Company Profile (Contact Information Plant Location Capacity Revenue etc)

Figure Organosulfur Picture and Specifications of THOR GROUP LIMITED

Table Organosulfur Capacity (MT), Production (MT), Price (USD/MT), Cost (USD/MT), Gross (USD/MT), Revenue (M USD) and Gross Margin of THOR GROUP LIMITED 2011-2016

Figure Organosulfur Capacity (MT), Production (MT) and Growth Rate of THOR GROUP LIMITED 2011-2016

Figure Organosulfur Production (MT) and United States Market Share of THOR GROUP LIMITED 2011-2016

Table THOR GROUP LIMITED Organosulfur SWOT Analysis

Table LANXESS AG Company Profile (Contact Information Plant Location Capacity Revenue etc)

Figure Organosulfur Picture and Specifications of LANXESS AG

Table Organosulfur Capacity (MT), Production (MT), Price (USD/MT), Cost (USD/MT), Gross (USD/MT), Revenue (M USD) and Gross Margin of LANXESS AG 2011-2016

Figure Organosulfur Capacity (MT), Production (MT) and Growth Rate of LANXESS AG 2011-2016

Figure Organosulfur Production (MT) and United States Market Share of LANXESS AG 2011-2016

Table LANXESS AG Organosulfur SWOT Analysis

Table SOLVAY SA Company Profile (Contact Information Plant Location Capacity Revenue etc)

Figure Organosulfur Picture and Specifications of SOLVAY SA

Table Organosulfur Capacity (MT), Production (MT), Price (USD/MT), Cost (USD/MT), Gross (USD/MT), Revenue (M USD) and Gross Margin of SOLVAY SA 2011-2016

Figure Organosulfur Capacity (MT), Production (MT) and Growth Rate of SOLVAY SA 2011-2016

Figure Organosulfur Production (MT) and United States Market Share of SOLVAY SA 2011-2016

Table SOLVAY SA Organosulfur SWOT Analysis

Table Organosulfur Price by Regions 2011-2016

Table Organosulfur Price by Product Types 2011-2016

Table Organosulfur Price by Companies 2011-2016

Table Organosulfur Gross Margin by Companies 2011-2016

Table Price Comparison of Organosulfur by Regions 2011-2016 (USD/MT)

Table Price of Different Organosulfur Product Types (USD/MT)

Table Market Share of Different Organosulfur Price Level

Table Gross Margin of Different Organosulfur Applications

Table Marketing Channels Status of Organosulfur

Table Traders or Distributors of Organosulfur with Contact Information

Table Ex-work Price, Channel Price and End Buyer Price of Organosulfur (USD/MT) in 2015

Table United States Import, Export, and Trade of Organosulfur (MT)

Figure United States Capacity (MT), Production (MT) and Growth Rate of Organosulfur 2016-2021

Figure United States Capacity Utilization Rate of Organosulfur 2016-2021

Table United States Organosulfur Production by Type 2016-2021 (MT)

Table United States Organosulfur Production Market Share by Type 2016-2021

Figure United States Production Market Share of Organosulfur by Type in 2021

Figure United States Sales (MT) and Growth Rate of Organosulfur 2016-2021

Figure United States Sales Revenue (Million USD) and Growth Rate of Organosulfur 2016-2021

Figure United States Sales of Organosulfur by Applications 2016-2021 (MT)

Table United States Production Market Share of Organosulfur by Applications 2016-2021

Figure United States Production Market Share of Organosulfur by Applications in 2021

Table United States Production, Import, Export and Consumption of Organosulfur 2016-2021 (MT)

Table United States Production (MT), Price (USD/MT), Cost (USD/MT), Revenue (M USD) and Gross Margin of Organosulfur 2016-2021

Table Major Raw Materials Suppliers of Organosulfur with Contact Information

Table Manufacturing Equipment Suppliers of Organosulfur with Contact Information

Table Major Players of Organosulfur with Contact Information

Table Key Consumers of Organosulfur with Contact Information

Table Supply Chain Relationship Analysis of Organosulfur

Table New Project SWOT Analysis of Organosulfur

Table New Project Investment Feasibility Analysis of Organosulfur

Table Part of Interviewees Record List

I would like to order

Product name: United States Organosulfur Industry 2016 Market Research Report

Product link: <https://marketpublishers.com/r/U9C4108BD62EN.html>

Price: US\$ 3,800.00 (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/U9C4108BD62EN.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