

Global Lithium Dihydrogen Phosphate Sales 2016 Market Research Report

<https://marketpublishers.com/r/GBE0B7CA276EN.html>

Date: July 2016

Pages: 166

Price: US\$ 4,000.00 (Single User License)

ID: GBE0B7CA276EN

Abstracts

The Global Lithium Dihydrogen Phosphate Sales 2016 Market Research Report is a professional and in-depth study on the current state of the Lithium Dihydrogen Phosphate market.

The report provides a basic overview of the Lithium Dihydrogen Phosphate industry including definitions, classifications, applications and industry chain structure.

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

The report then analyzes the global Lithium Dihydrogen Phosphate market size (volume and value), and the sales segment market is also discussed by product type, application and region.

The major Lithium Dihydrogen Phosphate market (including USA, Europe, China, Japan, etc.) is analyzed, data including: market size, import and export, sale segment market by product type and application. Then we forecast the 2016-2021 market size of Lithium Dihydrogen Phosphate.

The report focuses on global major leading companies providing information such as company profiles, sales, sales revenue, market share and contact information. Then the Lithium Dihydrogen Phosphate OEM market and Lithium Dihydrogen Phosphate production market status is discussed.

Finally the marketing, feasibility of new investment projects are assessed and overall

research conclusions offered.

With 178 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 Lithium Dihydrogen Phosphate
 - 1.1.1 Definition of Lithium Dihydrogen Phosphate
 - 1.1.2 Specifications of Lithium Dihydrogen Phosphate
- 1.2 Classification of Lithium Dihydrogen Phosphate
- 1.3 Applications of Lithium Dihydrogen Phosphate
- 1.4 Industry Chain Structure of Lithium Dihydrogen Phosphate
- 1.5 Industry Overview and Major Regions Status of Lithium Dihydrogen Phosphate
 - 1.5.1 Industry Overview of Lithium Dihydrogen Phosphate
 - 1.5.2 Global Major Regions Status of Lithium Dihydrogen Phosphate
- 1.6 Industry Policy Analysis of Lithium Dihydrogen Phosphate
- 1.7 Industry News Analysis of Lithium Dihydrogen Phosphate

2 MANUFACTURING COST STRUCTURE ANALYSIS OF LITHIUM DIHYDROGEN PHOSPHATE

- 2.1 Raw Material Suppliers and Price Analysis of Lithium Dihydrogen Phosphate
- 2.2 Equipment Suppliers and Price Analysis of Lithium Dihydrogen Phosphate
- 2.3 Labor Cost Analysis of Lithium Dihydrogen Phosphate
- 2.4 Other Costs Analysis of Lithium Dihydrogen Phosphate
- 2.5 Manufacturing Cost Structure Analysis of Lithium Dihydrogen Phosphate
- 2.6 Manufacturing Process Analysis of Lithium Dihydrogen Phosphate

3 GLOBAL LITHIUM DIHYDROGEN PHOSPHATE SALES, SALES PRICE AND MARKET SIZE (VOLUME AND VALUE) 2010-2016 ANALYSIS

- 3.1 Global 2010-2016 Lithium Dihydrogen Phosphate Market Size Analysis
- 3.2 Global 2010-2016 Lithium Dihydrogen Phosphate Sales Price Analysis
- 3.3 Global 2010-2016 Lithium Dihydrogen Phosphate Sales by Companies
- 3.4 Global 2010-2016 Lithium Dihydrogen Phosphate Sales by Product Type
- 3.5 Global 2010-2016 Lithium Dihydrogen Phosphate Sales by Applications
- 3.6 Global 2010-2016 Lithium Dihydrogen Phosphate Sales by Region

4 USA LITHIUM DIHYDROGEN PHOSPHATE SALES, SALES PRICE, MARKET SIZE (VOLUME AND VALUE) AND END USERS ANALYSIS

- 4.1 USA 2010-2016 Lithium Dihydrogen Phosphate Market Size Analysis
- 4.2 USA 2010-2016 Lithium Dihydrogen Phosphate Sales Price Analysis
- 4.3 USA 2010-2016 Lithium Dihydrogen Phosphate Sales by Companies
- 4.4 USA 2010-2016 Lithium Dihydrogen Phosphate Sales by Product Type
- 4.5 USA 2010-2016 Lithium Dihydrogen Phosphate Sales by Applications
- 4.6 USA 2010-2016 Lithium Dihydrogen Phosphate Regional Import Export Analysis
- 4.7 USA End Users with Contact Information of Lithium Dihydrogen Phosphate by Applications

5 EUROPE LITHIUM DIHYDROGEN PHOSPHATE SALES, SALES PRICE, MARKET SIZE (VOLUME AND VALUE) AND END USERS ANALYSIS

- 5.1 Europe 2010-2016 Lithium Dihydrogen Phosphate Market Size Analysis
- 5.2 Europe 2010-2016 Lithium Dihydrogen Phosphate Sales Price Analysis
- 5.3 Europe 2010-2016 Lithium Dihydrogen Phosphate Sales by Companies
- 5.4 Europe 2010-2016 Lithium Dihydrogen Phosphate Sales by Product Type
- 5.5 Europe 2010-2016 Lithium Dihydrogen Phosphate Sales by Applications
- 5.6 Europe 2010-2016 Lithium Dihydrogen Phosphate Regional Import Export Analysis
- 5.7 Europe End Users with Contact Information of Lithium Dihydrogen Phosphate by Applications

6 CHINA LITHIUM DIHYDROGEN PHOSPHATE SALES, SALES PRICE, MARKET SIZE (VOLUME AND VALUE) AND END USERS ANALYSIS

- 6.1 China 2010-2016 Lithium Dihydrogen Phosphate Market Size Analysis
- 6.2 China 2010-2016 Lithium Dihydrogen Phosphate Sales Price Analysis
- 6.3 China 2010-2016 Lithium Dihydrogen Phosphate Sales by Companies
- 6.4 China 2010-2016 Lithium Dihydrogen Phosphate Sales by Product Type
- 6.5 China 2010-2016 Lithium Dihydrogen Phosphate Sales by Applications
- 6.6 China 2010-2016 Lithium Dihydrogen Phosphate Regional Import Export Analysis
- 6.7 China End Users with Contact Information of Lithium Dihydrogen Phosphate by Applications

7 JAPAN LITHIUM DIHYDROGEN PHOSPHATE SALES, SALES PRICE, MARKET SIZE (VOLUME AND VALUE) AND END USERS ANALYSIS

- 7.1 Japan 2010-2016 Lithium Dihydrogen Phosphate Market Size Analysis
- 7.2 Japan 2010-2016 Lithium Dihydrogen Phosphate Sales Price Analysis
- 7.3 Japan 2010-2016 Lithium Dihydrogen Phosphate Sales by Companies

- 7.4 Japan 2010-2016 Lithium Dihydrogen Phosphate Sales by Product Type
- 7.5 Japan 2010-2016 Lithium Dihydrogen Phosphate Sales by Applications
- 7.6 Japan 2010-2016 Lithium Dihydrogen Phosphate Regional Import Export Analysis
- 7.7 Japan End Users with Contact Information of Lithium Dihydrogen Phosphate by Applications

8 GLOBAL AND MAJOR REGIONS 2016-2021 LITHIUM DIHYDROGEN PHOSPHATE SALES PRICE AND MARKET SIZE (VOLUME AND VALUE) FORECAST

- 8.1 Global 2016-2021 Lithium Dihydrogen Phosphate Sales Price and Market Size (Volume and Value) Forecast
- 8.2 USA 2016-2021 Lithium Dihydrogen Phosphate Sales Price and Market Size (Volume and Value) Forecast
- 8.3 Europe 2016-2021 Lithium Dihydrogen Phosphate Sales Price and Market Size (Volume and Value) Forecast
- 8.4 China 2016-2021 Lithium Dihydrogen Phosphate Sales Price and Market Size (Volume and Value) Forecast
- 8.5 Japan 2016-2021 Lithium Dihydrogen Phosphate Sales Price and Market Size (Volume and Value) Forecast

9 MAJOR LITHIUM DIHYDROGEN PHOSPHATE COMPANIES ANALYSIS

- 9.1 Shanghai Li Industrial
 - 9.1.1 Shanghai Li Industrial Profile
 - 9.1.2 2010-2016 Shanghai Li Industrial Lithium Dihydrogen Phosphate Sales, Sales Revenue, Sales Price, Gross Margin Analysis
 - 9.1.3 Contact Information
- 9.2 Sichuan state lithium
 - 9.2.1 Sichuan state lithium Profile
 - 9.2.2 2010-2016 Sichuan state lithium Lithium Dihydrogen Phosphate Sales, Sales Revenue, Sales Price, Gross Margin Analysis
 - 9.2.3 Contact Information
- 9.3 Hubei BaiJieRui Advanced Materials
 - 9.3.1 Hubei BaiJieRui Advanced Materials Profile
 - 9.3.2 2010-2016 Hubei BaiJieRui Advanced Materials Lithium Dihydrogen Phosphate Sales, Sales Revenue, Sales Price, Gross Margin Analysis
 - 9.3.3 Contact Information
- 9.4 Shenzhen Shek Tin Technology

- 9.4.1 Shenzhen Shek Tin Technology Profile
- 9.4.2 2010-2016 Shenzhen Shek Tin Technology Lithium Dihydrogen Phosphate Sales, Sales Revenue, Sales Price, Gross Margin Analysis
- 9.4.3 Contact Information
- 9.5 Shanghai Energy Lithium
 - 9.5.1 Shanghai Energy Lithium Profile
 - 9.5.2 2010-2016 Shanghai Energy Lithium Lithium Dihydrogen Phosphate Sales, Sales Revenue, Sales Price, Gross Margin Analysis
 - 9.5.3 Contact Information
- 9.6 JINAGXI Ganfeng
 - 9.6.1 JINAGXI Ganfeng Profile
 - 9.6.2 2010-2016 JINAGXI Ganfeng Lithium Dihydrogen Phosphate Sales, Sales Revenue, Sales Price, Gross Margin Analysis
 - 9.6.3 Contact Information
- 9.7 XKCHEM CHEMISTRY
 - 9.7.1 XKCHEM CHEMISTRY Profile
 - 9.7.2 2010-2016 XKCHEM CHEMISTRY Lithium Dihydrogen Phosphate Sales, Sales Revenue, Sales Price, Gross Margin Analysis
 - 9.7.3 Contact Information

10 GLOBAL LITHIUM DIHYDROGEN PHOSPHATE PRODUCTION ANALYSIS

- 10.1 2010-2016 Global Lithium Dihydrogen Phosphate Production by Countries
- 10.2 2010-2016 Global Lithium Dihydrogen Phosphate Production Market Share

11 MARKETING TRADER OR DISTRIBUTOR ANALYSIS OF LITHIUM DIHYDROGEN PHOSPHATE

- 11.1 Marketing Channels Status of Lithium Dihydrogen Phosphate
- 11.2 Traders or Distributors of Lithium Dihydrogen Phosphate with Contact Information

12 NEW PROJECT INVESTMENT FEASIBILITY ANALYSIS OF LITHIUM DIHYDROGEN PHOSPHATE

- 12.1 New Project Michael Porter Five Forces Model Analysis
- 12.2 New Project Investment Feasibility Analysis of Lithium Dihydrogen Phosphate

13 CONCLUSION OF THE GLOBAL LITHIUM DIHYDROGEN PHOSPHATE SALES 2016 MARKET RESEARCH REPORT

List Of Tables

LIST OF TABLES AND FIGURES

Figure Picture of Lithium Dihydrogen Phosphate
Table Specifications of Lithium Dihydrogen Phosphate
Table Classification of Lithium Dihydrogen Phosphate
Table Applications of Lithium Dihydrogen Phosphate
Figure Industry Chain Structure of Lithium Dihydrogen Phosphate
Table Global Major Regions Lithium Dihydrogen Phosphate Development Status
Table Industry Policy of Lithium Dihydrogen Phosphate
Table Industry News List of Lithium Dihydrogen Phosphate
Table Lithium Dihydrogen Phosphate Major Raw Materials List
Table Manufacturing Cost Structure Analysis of Lithium Dihydrogen Phosphate in 2014
Figure Manufacturing Process Analysis of Lithium Dihydrogen Phosphate
Figure Global 2010-2016 Lithium Dihydrogen Phosphate Market Size (Volume) and Growth Rate
Figure Global 2010-2016 Lithium Dihydrogen Phosphate Market Size (Value) and Growth Rate
Figure Global 2010-2016 Lithium Dihydrogen Phosphate Sales Price (USD/MT)
Table Global 2010-2016 Lithium Dihydrogen Phosphate Sales and Total Sales (K MT)
Table Global 2010-2016 Lithium Dihydrogen Phosphate Sales Market Share by Companies
Table Global 2010-2016 Lithium Dihydrogen Phosphate Sales by Product Type
Figure Global 2010 Lithium Dihydrogen Phosphate Sales Market Share by Product Type
Figure Global 2016 Lithium Dihydrogen Phosphate Sales Market Share by Product Type
Table Global 2010-2016 Lithium Dihydrogen Phosphate Sales by Applications
Figure Global 2010 Lithium Dihydrogen Phosphate Sales Market Share by Applications
Figure Global 2016 Lithium Dihydrogen Phosphate Sales Market Share by Applications
Table Global 2010-2016 Lithium Dihydrogen Phosphate Sales by Region
Figure Global 2010 Lithium Dihydrogen Phosphate Sales Market Share by Region
Figure Global 2016 Lithium Dihydrogen Phosphate Sales Market Share by Region
Figure USA 2010-2016 Lithium Dihydrogen Phosphate Market Size (Volume) and Growth Rate
Figure USA 2010-2016 Lithium Dihydrogen Phosphate Market Size (Value) and Growth Rate
Figure USA 2010-2016 Lithium Dihydrogen Phosphate Sales Price (USD/MT)

Table USA 2010-2016 Lithium Dihydrogen Phosphate Sales and Total Sales (K MT)

Table USA 2010-2016 Lithium Dihydrogen Phosphate Sales Market Share by Companies

Table USA 2010-2016 Lithium Dihydrogen Phosphate Sales by Product Type

Figure USA 2010 Lithium Dihydrogen Phosphate Sales Market Share by Product Type

Figure USA 2016 Lithium Dihydrogen Phosphate Sales Market Share by Product Type

Table USA 2010-2016 Lithium Dihydrogen Phosphate Sales by Applications

Figure USA 2010 Lithium Dihydrogen Phosphate Sales Market Share by Applications

Figure USA 2016 Lithium Dihydrogen Phosphate Sales Market Share by Applications

Table USA 2010-2016 Lithium Dihydrogen Phosphate Regional Production, Import, Export, and Regional Sales List

Table USA End Users with Contact Information of Lithium Dihydrogen Phosphate by Applications

Figure Europe 2010-2016 Lithium Dihydrogen Phosphate Market Size (Volume) and Growth Rate

Figure Europe 2010-2016 Lithium Dihydrogen Phosphate Market Size (Value) and Growth Rate

Figure Europe 2010-2016 Lithium Dihydrogen Phosphate Sales Price (USD/MT)

Table Europe 2010-2016 Lithium Dihydrogen Phosphate Sales and Total Sales (K MT)

Table Europe 2010-2016 Lithium Dihydrogen Phosphate Sales Market Share by Companies

Table Europe 2010-2016 Lithium Dihydrogen Phosphate Sales by Product Type

Figure Europe 2010 Lithium Dihydrogen Phosphate Sales Market Share by Product Type

Figure Europe 2016 Lithium Dihydrogen Phosphate Sales Market Share by Product Type

Table Europe 2010-2016 Lithium Dihydrogen Phosphate Sales by Applications

Figure Europe 2010 Lithium Dihydrogen Phosphate Sales Market Share by Applications

Figure Europe 2016 Lithium Dihydrogen Phosphate Sales Market Share by Applications

Table Europe 2010-2016 Lithium Dihydrogen Phosphate Regional Production, Import, Export, and Regional Sales List

Table Europe End Users with Contact Information of Lithium Dihydrogen Phosphate by Applications

Figure China 2010-2016 Lithium Dihydrogen Phosphate Market Size (Volume) and Growth Rate

Figure China 2010-2016 Lithium Dihydrogen Phosphate Market Size (Value) and Growth Rate

Figure China 2010-2016 Lithium Dihydrogen Phosphate Sales Price (USD/MT)

Table China 2010-2016 Lithium Dihydrogen Phosphate Sales and Total Sales (K MT)

Table China 2010-2016 Lithium Dihydrogen Phosphate Sales Market Share by Companies

Table China 2010-2016 Lithium Dihydrogen Phosphate Sales by Product Type

Figure China 2010 Lithium Dihydrogen Phosphate Sales Market Share by Product Type

Figure China 2016 Lithium Dihydrogen Phosphate Sales Market Share by Product Type

Table China 2010-2016 Lithium Dihydrogen Phosphate Sales by Applications

Figure China 2010 Lithium Dihydrogen Phosphate Sales Market Share by Applications

Figure China 2016 Lithium Dihydrogen Phosphate Sales Market Share by Applications

Table China 2010-2016 Lithium Dihydrogen Phosphate Regional Production, Import, Export, and Regional Sales List

Table China End Users with Contact Information of Lithium Dihydrogen Phosphate by Applications

Figure Japan 2010-2016 Lithium Dihydrogen Phosphate Market Size (Volume) and Growth Rate

Figure Japan 2010-2016 Lithium Dihydrogen Phosphate Market Size (Value) and Growth Rate

Figure Japan 2010-2016 Lithium Dihydrogen Phosphate Sales Price (USD/MT)

Table Japan 2010-2016 Lithium Dihydrogen Phosphate Sales and Total Sales (K MT)

Table Japan 2010-2016 Lithium Dihydrogen Phosphate Sales Market Share by Companies

Table Japan 2010-2016 Lithium Dihydrogen Phosphate Sales by Product Type

Figure Japan 2010 Lithium Dihydrogen Phosphate Sales Market Share by Product Type

Figure Japan 2016 Lithium Dihydrogen Phosphate Sales Market Share by Product Type

Table Japan 2010-2016 Lithium Dihydrogen Phosphate Sales by Applications

Figure Japan 2010 Lithium Dihydrogen Phosphate Sales Market Share by Applications

Figure Japan 2016 Lithium Dihydrogen Phosphate Sales Market Share by Applications

Table Japan 2010-2016 Lithium Dihydrogen Phosphate Regional Production, Import, Export, and Regional Sales List

Table Japan End Users with Contact Information of Lithium Dihydrogen Phosphate by Applications

Figure Global 2016-2021 Lithium Dihydrogen Phosphate Market Size (Volume) and Growth Rate Forecast

Figure Global 2016-2021 Lithium Dihydrogen Phosphate Market Size (Value) and Growth Rate Forecast

Figure Global 2016-2021 Lithium Dihydrogen Phosphate Sales Price (USD/MT) Forecast

Figure USA 2016-2021 Lithium Dihydrogen Phosphate Market Size (Volume) and Growth Rate Forecast

Figure USA 2016-2021 Lithium Dihydrogen Phosphate Market Size (Value) and Growth

Rate Forecast

Figure USA 2016-2021 Lithium Dihydrogen Phosphate Sales Price (USD/MT) Forecast

Figure Europe 2016-2021 Lithium Dihydrogen Phosphate Market Size (Volume) and Growth Rate Forecast

Figure Europe 2016-2021 Lithium Dihydrogen Phosphate Market Size (Value) and Growth Rate Forecast

Figure Europe 2016-2021 Lithium Dihydrogen Phosphate Sales Price (USD/MT) Forecast

Figure China 2016-2021 Lithium Dihydrogen Phosphate Market Size (Volume) and Growth Rate Forecast

Figure China 2016-2021 Lithium Dihydrogen Phosphate Market Size (Value) and Growth Rate Forecast

Figure China 2016-2021 Lithium Dihydrogen Phosphate Sales Price (USD/MT) Forecast

Figure Japan 2016-2021 Lithium Dihydrogen Phosphate Market Size (Volume) and Growth Rate Forecast

Figure Japan 2016-2021 Lithium Dihydrogen Phosphate Market Size (Value) and Growth Rate Forecast

Figure Japan 2016-2021 Lithium Dihydrogen Phosphate Sales Price (USD/MT) Forecast

Table Shanghai Li Industrial Profile

Table 2010-2016 Shanghai Li Industrial Lithium Dihydrogen Phosphate Sales (K MT), Sales Revenue (Million USD), Sales Price (USD/MT), Gross Margin Analysis

Figure 2010-2016 Shanghai Li Industrial Lithium Dihydrogen Phosphate Sales Market Share

Table Sichuan state lithium Profile

Table 2010-2016 Sichuan state lithium Lithium Dihydrogen Phosphate Sales (K MT), Sales Revenue (Million USD), Sales Price (USD/MT), Gross Margin Analysis

Figure 2010-2016 Sichuan state lithium Lithium Dihydrogen Phosphate Sales Market Share

Table Hubei BaiJieRui Advanced Materials Profile

Table 2010-2016 Hubei BaiJieRui Advanced Materials Lithium Dihydrogen Phosphate Sales (K MT), Sales Revenue (Million USD), Sales Price (USD/MT), Gross Margin Analysis

Figure 2010-2016 Hubei BaiJieRui Advanced Materials Lithium Dihydrogen Phosphate Sales Market Share

Table Shenzhen Shek Tin Technology Profile

Table 2010-2016 Shenzhen Shek Tin Technology Lithium Dihydrogen Phosphate Sales (K MT), Sales Revenue (Million USD), Sales Price (USD/MT), Gross Margin Analysis

Figure 2010-2016 Shenzhen Shek Tin Technology Lithium Dihydrogen Phosphate Sales Market Share

Table Shanghai Energy Lithium Profile

Table 2010-2016 Shanghai Energy Lithium Lithium Dihydrogen Phosphate Sales (K MT), Sales Revenue (Million USD), Sales Price (USD/MT), Gross Margin Analysis

Figure 2010-2016 Shanghai Energy Lithium Lithium Dihydrogen Phosphate Sales Market Share

Table JINAGXI Ganfeng Profile

Table 2010-2016 JINAGXI Ganfeng Lithium Dihydrogen Phosphate Sales (K MT), Sales Revenue (Million USD), Sales Price (USD/MT), Gross Margin Analysis

Figure 2010-2016 JINAGXI Ganfeng Lithium Dihydrogen Phosphate Sales Market Share

Table XKCHEM CHEMISTRY Profile

Table 2010-2016 XKCHEM CHEMISTRY Lithium Dihydrogen Phosphate Sales (K MT), Sales Revenue (Million USD), Sales Price (USD/MT), Gross Margin Analysis

Figure 2010-2016 XKCHEM CHEMISTRY Lithium Dihydrogen Phosphate Sales Market Share

Table 2010-2016 Global Lithium Dihydrogen Phosphate Production by Countries

Figure 2010 Global Lithium Dihydrogen Phosphate Production Market Share

Figure 2011 Global Lithium Dihydrogen Phosphate Production Market Share

Figure 2012 Global Lithium Dihydrogen Phosphate Production Market Share

Figure 2013 Global Lithium Dihydrogen Phosphate Production Market Share

Figure 2014 Global Lithium Dihydrogen Phosphate Production Market Share

Figure 2016 Global Lithium Dihydrogen Phosphate Production Market Share

Table Traders or Distributors of Lithium Dihydrogen Phosphate with Contact Information

Table New Project Michael Porter Five Forces Model Analysis of Lithium Dihydrogen Phosphate

Table New Project Investment Feasibility Analysis of Lithium Dihydrogen Phosphate

Table Part of Interviewees Record List

I would like to order

Product name: Global Lithium Dihydrogen Phosphate Sales 2016 Market Research Report

Product link: <https://marketpublishers.com/r/GBE0B7CA276EN.html>

Price: US\$ 4,000.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GBE0B7CA276EN.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