

Global Ethylene Market: Trends & Opportunities (2015-2019)

<https://marketpublishers.com/r/G9448CE1383EN.html>

Date: July 2015

Pages: 65

Price: US\$ 800.00 (Single User License)

ID: G9448CE1383EN

Abstracts

Scope of the report

The report titled “Global Ethylene Market- Trends and Opportunities (2015-2019)” provides an insight into the production of ethylene and derivatives with focus on present market size and growth expected in the near future. The report assesses the Global Ethylene market over the years with detailed analysis. The research report also analyzes the regional markets of Asia-Pacific, Western Europe, Middle East and North America. The report also discusses key factors driving growth of the industry, major trends and challenges faced by manufacturers of petrochemicals in general and ethylene in specific. Further, major producers like Honeywell UOP, Sinopec Limited, Nova Chemicals, Shell Chemicals and Chevron Phillips Chemicals are also analyzed in the report.

Regional Coverage

Western Europe

North America

Asia Pacific

Middle East

Company coverage

Honeywell UOP

Shell Chemicals

Nova Chemicals

Sinopec Limited

Chevron Phillips Limited

Executive Summary

One of the most important raw materials in the petrochemical industry, the use of ethylene involves the production of polyethylene plastics like high density polyethylene (HDPE), linear low density polyethylene (LLDPE) and low density polyethylene (LDPE). There are three ways used for the production of ethylene. The first is by the steam cracking of naphtha, other by steam cracking of ethane and yet another by the catalytic cracking of gas oil. The production by ethane is common in North America whereas production by naphtha is common in Middle East regions.

The ethylene industry is growing exponentially because of various factors facilitating its growth. Ethylene is used for the manufacture of various plastics and polymers like PVC and polyethylene and their increasing demand is responsible for the increased demand of this petrochemical. These plastics are widely used in various day to day products used by humans. Moreover, the increasing per-capita income leading to increased disposable income is also one of the reasons for the increased demand for ethylene. The industry also faces various challenges like the oil price fluctuations as oil is one of the most important raw materials for the production of these petrochemicals. Moreover, this industry's products including PVC and polyethylene are considered to be a threat to the human health and to the environment also. The increased awareness for health and environment can be a challenge for the industry if the products are not modified accordingly.

Contents

1. EXECUTIVE SUMMARY

2. PETROCHEMICALS: AN OVERVIEW

2.1 Introduction

2.2 Types of Petrochemicals

2.2.1 Olefins

2.2.2 Aromatics

2.2.3 Synthetic Gas

3. ETHYLENE: AN OVERVIEW

3.1 Introduction

3.2 Methods to Manufacture Ethylene

3.2.1 Steam Cracking of Ethane

3.2.2 Steam Cracking of Naphtha

3.2.3 Catalytic Cracking of Gas Oil

3.3 Products Manufactured by using Ethylene

4. GLOBAL ETHYLENE MARKET: AN ANALYSIS

4.1 Global Petrochemical Industry

4.2 Global Ethylene Market: Market Size and Growth

4.2.1 Global Ethylene Market: By Value

4.2.2 Global Ethylene Market: By Volume

5. REGIONAL ANALYSIS: GLOBAL ETHYLENE MARKET

5.1 Asia-Pacific Ethylene Market: An Analysis

5.1.1 Indian Ethylene Market: An Analysis

5.1.2 Chinese Ethylene Market: An Analysis

5.2 Western Europe Ethylene Market: An Analysis

5.3 North American Ethylene Market: An Analysis

5.4 Middle East Ethylene Market: An Analysis

6. MARKET DYNAMICS: GLOBAL ETHYLENE MARKET

6.1 Growth Drivers: Global Ethylene Market

- 6.1.1 Increased Demand for PVC
- 6.1.2 Rising Demand for Ethylene Vinyl Acetate
- 6.1.3 Growing Market for Polyethylene
- 6.1.4 Market for Ethylbenzene
- 6.1.5 Increase in Per-capita Income

6.2 Trends

- 6.2.1 Increased Demand for Ethylene and Other Petrochemicals to Rise in China
- 6.2.2 Most of Ethylene is produced by Ethane
- 6.2.3 Mergers and Acquisitions

6.3 Challenges

- 6.3.1 Oil Price Fluctuations
- 6.3.2 Polyethylene: A Threat to Human Health
- 6.3.3 PVC pipes considered to be Hazardous

7. COMPETITIVE LANDSCAPE

8. COMPANY PROFILES: GLOBAL ETHYLENE MARKET

8.1 Honeywell UOP

- 8.1.1 Business Overview
- 8.1.2 Financial Overview
- 8.1.3 Business Strategies

8.2 Sinopec Limited

- 8.2.1 Business overview
- 8.2.2 Financial overview
- 8.2.3 Business strategies

8.3 Nova Chemicals

- 8.3.1 Business Overview
- 8.3.2 Financial Overview
- 8.3.3 Business Strategies

8.4 Shell Chemicals

- 8.4.1 Business Overview
- 8.4.2 Financial Overview
- 8.4.3 Business Strategies

8.5 Chevron Phillips Chemicals

- 8.5.1 Business Overview
- 8.5.2 Financial Overview
- 8.5.3 Business Strategies

Figures & Tables

LIST OF FIGURES AND TABLES

Figure 1: Structure of Ethylene

Figure 2: Total Revenue of the Global Petrochemical Industry, (In US\$ Billions), 2009-2014

Figure 3: Total Revenue of the Global Ethylene Market, (In US\$ Billions), 2009-2014

Figure 4: Forecasted Total Revenue of the Global Ethylene Market, (In US\$ Billions), 2015-2019

Figure 5: Global Ethylene Industry by Volume, (In Million Tons), 2009-2014

Figure 6: Forecasted Global Ethylene Market by Volume, (In Million Tons), 2015-2019

Figure 7: Application of the Globally Produced Ethylene, (In %), 2014

Figure 8: Share of Polymers and Plastics using the Total Global Ethylene Production by value, (In %), 2013

Figure 9: Segmentation of the Global Ethylene Market by Region by Volume, (In %), 2012

Figure 10: Total Production Capacity of Ethylene in Asia-Pacific Region, (In Million Tons), 2009-2014

Figure 11: Total Forecasted Production Capacity of Ethylene in Asia-Pacific Region, (In Million Tons), 2009-2014

Figure 12: Total Revenue of Asia-Pacific Ethylene Market, (In US\$ Billions), 2009-2014

Figure 13: Forecasted Total Revenue of Asia-Pacific Ethylene Market, (In US\$ Billions), 2015-2019

Figure 14: Segmentation of Petrochemical Consumption of China, (In %) 2013

Figure 15: Total Production Capacity of Ethylene in China, (in Million Tons), 2009-2014

Figure 16: Total Forecasted Production Capacity of Ethylene in China, (In Million Tons), 2009-2014

Figure 17: Segmentation of the Western Europe Ethylene Production by Method of Production, (In %), 2014

Figure 18: Segmentation of the Western European Ethylene Market by Derivatives Produced, (In %), 2014.

Figure 19: Capacity of the Western European Ethylene Market, (In Million Tons), 2009-2014

Figure 20: Forecasted Total Capacity of the Western European Ethylene Market, (In Million Tons), 2015-2019

Figure 21: Total Capacity of the North American Ethylene Market, By Volume, (In Million Tons), 2009-2014

Figure 22: Forecasted Capacity of the North American Ethylene Market, (In Million

Tons), 2015-2019

Figure 23: Total Revenue of the North American Ethylene Market, (In US\$ Billions), 2009-2014

Figure 24: Forecasted Total Revenue of the North American Ethylene Market, (In US\$ Billions), 2015-2019

Figure 25: Capacity of Middle East Ethylene Market, (In Million Tons), 2009-2014

Figure 26: Forecasted Capacity of Middle East Ethylene Market, (In Million Tons), 2009-2014

Figure 27: Total PVC Consumed World-wide, (In Thousand Tons), 2009-2014

Figure 28: Total Revenue of Ethylene Vinyl Acetate Market, (in US\$ Billions), 2009-2014

Figure 29: Total Capacity of Polyethylene used World-wide, (In Million Tons), 2009-2014

Figure 30: Segmentation of Ethylbenzene Market, (In %), 2014

Figure 31: Global GDP per capita, (In US\$), 2007-2014

Table 1: Various Major Companies Producing Ethylene Worldwide, 2014

Figure 32: Total Sales of Honeywell UOP, (In US\$ Billions), 2010-2014

Figure 33: Segmentation of the Sales of Honeywell UOP by processing Segments, (In %), 2014

Figure 34: Total Revenue of Sinopec Limited, (In US\$ Billions), 2009-2014

Figure 35: Total Revenue of Nova Chemicals, (In US\$ Billions), 2010-2014

Figure 36: Total Revenue of Shell Companies, (in US\$ Billions), 2009-2014

Figure 37: Total Revenue of Chevron Phillips Chemicals, (In US\$ Millions), 2010-2014

I would like to order

Product name: Global Ethylene Market: Trends & Opportunities (2015-2019)

Product link: <https://marketpublishers.com/r/G9448CE1383EN.html>

Price: US\$ 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/G9448CE1383EN.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