

N-Hexane Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global n-hexane market size reached US\$ 2,549.6 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 3,143.2 Million by 2028, exhibiting a growth rate (CAGR) of 3.45% during 2023-2028.

N-hexane is a volatile aliphatic hydrocarbon which is obtained from crude oil and natural gas. It can also be synthesized from sugar cane wastes by using special catalysts. It is colorless in the purest form with a slightly unpleasant odor. It is highly flammable in nature and possesses explosive vapors due to which it has to be mixed with other solvents prior to use in the production of different products. It is commonly used in the form of an industrial chemical and laboratory reagent. Solvents containing n-hexane are also used for extracting vegetable oils from oilseeds such as sunflower, corn and soybeans

Market Drivers:

N-hexane is widely used as a primary solvent for industrial and chemical products such as leather, paint, polypropylene and rubber. Growth in the sales of these products is expected to drive the demand for n-hexane during the forecast period. Apart from this, the pharmaceutical industry represents one of the largest consumers of n-hexane as it is used for shaping pills and tablets along with use in various synthesis and separations. Moreover, it offers multiple advantages over other solvents such as cost-effectiveness and recyclability. Additionally, it is easy to remove it from solids and oil owing to which there has been an apparent shift towards its use in different applications.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global n-hexane market report, along with forecasts at the global and regional level from

2023-2028. Our report has categorized the market based on application.

Breakup by Application:

- Edible Oil Extraction
- Healthcare
- Industrial Solvent
- Adhesive Formulation
- Others

At present, n-hexane is majorly used as an edible oil extractant as it provides a high yield from oilseeds. Another advantage it offers in oil extraction is its recyclability as it can be reused after the extraction process. It also removes unwanted taste and odor from the oil, unlike other extraction agents.

Regional Insights:

- Asia-Pacific
- Europe
- North America
- Middle East and Africa
- Latin America

On the geographical front, Asia-Pacific represents the largest regional market. This can be attributed to the increasing population and growing demand for refined oil in countries like China and India.

Competitive Landscape:

The market is highly fragmented with the presence of numerous small and large manufacturers who compete in terms of prices and quality. Some of the leading players operating in the market are:

- Rompetrol
- Royal Dutch Shell PLC
- Exxon Mobil Corporation
- China Petrochemical Corporation
- Junyuan Petroleum Group

The essential aspects of the global n-hexane market evaluated in the report include:

Market Trends

Major regions

Impact of COVID-19

Key application areas

Key manufacturers

Price trends

Raw material requirements

Value chain analysis

Market trends for major feedstocks

Price trends for major feedstocks

Key regions for major feedstocks

Key application areas for major feedstocks

Key suppliers of major feedstocks

Key Questions Answered in This Report

1. What was the size of the global N-hexane market in 2022?
2. What is the expected growth rate of the global N-hexane market during 2023-2028?
3. What are the key factors driving the global N-hexane market?
4. What has been the impact of COVID-19 on the global N-hexane market?
5. What is the breakup of the global N-hexane market based on the application?
6. What are the key regions in the global N-hexane market?
7. Who are the key players/companies in the global N-hexane market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Properties
- 4.3 Key Industry Trends

5 GLOBAL N-HEXANE INDUSTRY

- 5.1 Market Overview
- 5.2 Market Performance
 - 5.2.1 Volume Trends
 - 5.2.2 Value Trends
- 5.3 Impact of COVID-19
- 5.4 Price Trends
- 5.5 Market Breakup by Region
- 5.6 Market Breakup by Application
- 5.7 Market Forecast
- 5.8 SWOT Analysis
 - 5.8.1 Overview
 - 5.8.2 Strengths
 - 5.8.3 Weaknesses

- 5.8.4 Opportunities
- 5.8.5 Threats
- 5.9 Value Chain Analysis
 - 5.9.1 Overview
 - 5.9.2 Research and Development
 - 5.9.3 Raw Material Procurement
 - 5.9.4 Manufacturer
 - 5.9.5 Distributor
 - 5.9.6 Exporter
 - 5.9.7 End-User
- 5.10 Product Pricing and Margin Analysis
- 5.11 Porter's Five Forces Analysis
 - 5.11.1 Overview
 - 5.11.2 Bargaining Power of Buyers
 - 5.11.3 Bargaining Power of Suppliers
 - 5.11.4 Degree of Rivalry
 - 5.11.5 Threat of New Entrants
 - 5.11.6 Threat of Substitutes
- 5.12 Key Market Drivers and Success Factors

6 PERFORMANCE OF KEY REGIONS

- 6.1 Asia Pacific
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Europe
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 North America
 - 6.3.1 Market Trends
 - 6.3.2 Market Forecast
- 6.4 Middle East and Africa
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 Latin America
 - 6.5.1 Market Trends
 - 6.5.2 Market Forecast

7 MARKET BY APPLICATION

7.1 Edible Oil Extraction

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Healthcare

7.2.1 Market Trends

7.2.2 Market Forecast

7.3 Industrial Solvent

7.3.1 Market Trends

7.3.2 Market Forecast

7.4 Adhesive Formulation

7.4.1 Market Trends

7.4.2 Market Forecast

7.5 Others

7.5.1 Market Trends

7.5.2 Market Forecast

8 COMPETITIVE LANDSCAPE

8.1 Market Structure

8.2 Key Players

8.3 Key Player Profiles

8.3.1 Rompetrol

8.3.2 Royal Dutch Shell

8.3.3 Exxon Mobil Corporation

8.3.4 China Petrochemical Corporation

8.3.5 Junyuan Petroleum Group

9 N-HEXANE MANUFACTURING PROCESS

9.1 Manufacturing Process

9.2 Detailed Process Flow

9.3 Chemical Reactions Involved

9.4 Raw Material Requirements

9.5 Mass Balance and Feedstock Conversion Rates

10 N-HEXANE: FEEDSTOCK ANALYSIS

10.1 Naphtha

- 10.1.1 Market Performance
- 10.1.2 Price Trends
- 10.1.3 Market Breakup by Region
- 10.1.4 Market Breakup by Application
- 10.1.5 Market Forecast
- 10.1.6 Key Suppliers

List Of Tables

LIST OF TABLES

Table 1: N-hexane: General Properties

Table 2: Global: N-Hexane Market: Key Industry Highlights, 2022 and 2028

Table 3: Global: N-Hexane Market Forecast: Breakup by Region (in '000 Tons), 2023-2028

Table 4: Asia Pacific: N-Hexane Market: Rank Wise Application (in %), 2022

Table 5: Europe: N-Hexane Market: Rank Wise Application (in %), 2022

Table 6: North America: N-Hexane Market: Rank Wise Application (in %), 2022

Table 7: Global: N-Hexane Market Forecast: Breakup by Application (in '000 Tons), 2023-2028

Table 8: Global: N-Hexane Market: Competitive Structure

Table 9: Global: N-Hexane Market: Key Players

Table 10: Asia Pacific: N-Hexane Key Suppliers

Table 11: North America: N-Hexane Key Suppliers

Table 12: Europe: N-Hexane Key Suppliers

Table 13: Rompetrol: Key Financials (in US\$ Million)

Table 14: Royal Dutch Shell: Key Financials (in US\$ Million)

Table 15: Exxon Mobil: Key Financials (in US\$ Million)

Table 16: China Petrochemical Corporation: Key Financials (in RMB Million)

Table 17: N-Hexane Manufacturing: Raw Material Requirements

Table 18: Typical Composition of Naphtha

Table 19: Global: Naphtha Market: Key Suppliers

List Of Figures

LIST OF FIGURES

Figure 1: Global: N-Hexane Market: Major Drivers and Challenges

Figure 2: Global: N-Hexane Market: Volume Trends (in Million Tons), 2017-2022

Figure 3: Global: N-Hexane Market: Value Trends (in Million US\$), 2017-2022

Figure 4: Global: N-Hexane Market: Average Prices (in US\$/Ton), 2017-2028

Figure 5: Global: N-Hexane Market: Breakup by Region (in %), 2022

Figure 6: Global: N-Hexane Market: Breakup by Application (in %), 2022

Figure 7: Global: N-Hexane Market Forecast: Volume Trends (in Million Tons), 2023-2028

Figure 8: Global: N-Hexane Market Forecast: Value Trends (in Million US\$), 2023-2028

Figure 9: Global: N-Hexane Industry: SWOT Analysis

Figure 10: Global: N-Hexane Industry: Value Chain Analysis

Figure 11: Global: N-Hexane Industry: Profit Margins at Various Levels of the Supply Chain

Figure 12: Global: N-Hexane Industry: Porter's Five Forces Analysis

Figure 13: Global: N-Hexane Market Forecast: Breakup by Region (in %), 2028

Figure 14: Asia Pacific: N-Hexane Market (in '000 Tons), 2017 & 2022

Figure 15: Asia Pacific: N-Hexane Market Forecast (in '000 Tons), 2023-2028

Figure 16: Europe: N-Hexane Market (in '000 Tons), 2017 & 2022

Figure 17: Europe: N-Hexane Market Forecast (in '000 Tons), 2023-2028

Figure 18: North America: N-Hexane Market (in '000 Tons), 2017 & 2022

Figure 19: North America: N-Hexane Market Forecast (in '000 Tons), 2023-2028

Figure 20: Middle East and Africa: N-Hexane Market (in '000 Tons), 2017 & 2022

Figure 21: Middle East and Africa: N-Hexane Market Forecast (in '000 Tons), 2023-2028

Figure 22: Latin America: N-Hexane Market (in '000 Tons), 2017 & 2022

Figure 23: Latin America: N-Hexane Market Forecast (in '000 Tons), 2023-2028

Figure 24: Global: N-Hexane Market Forecast: Breakup by Application (in %), 2028

Figure 25: Global: N-Hexane Market: Edible Oil Extraction (in '000 Tons), 2017 & 2022

Figure 26: Global: N-Hexane Market Forecast: Edible Oil Extraction (in '000 Tons), 2023-2028

Figure 27: Global: N-Hexane Market: Healthcare (in '000 Tons), 2017 & 2022

Figure 28: Global: N-Hexane Market Forecast: Healthcare (in '000 Tons), 2023-2028

Figure 29: Global: N-Hexane Market: Industrial Solvent (in '000 Tons), 2017 & 2022

Figure 30: Global: N-Hexane Market Forecast: Industrial Solvent (in '000 Tons), 2023-2028

Figure 31: Global: N-Hexane Market: Adhesive Formulation (in '000 Tons), 2017 & 2022

Figure 32: Global: N-Hexane Market Forecast: Adhesive Formulation (in '000 Tons), 2023-2028

Figure 33: Global: N-Hexane Market: Other Applications (in '000 Tons), 2017 & 2022

Figure 34: Global: N-Hexane Market Forecast: Other Applications (in '000 Tons), 2023-2028

Figure 35: Rompetrol: SWOT Analysis

Figure 36: Royal Dutch Shell: SWOT Analysis

Figure 37: Exxon Mobil: SWOT Analysis

Figure 38: N-Hexane Manufacturing: Detailed Process Flow

Figure 39: Global: Naphtha Market: Volume Trends (in Million Tons), 2017-2022

Figure 40: Global: Naphtha Market: Value Trends (in Billion US\$), 2017-2022

Figure 41: Global: Naphtha Market: Price Trends (in US\$/Ton), 2017-2022

Figure 42: Global: Naphtha Market: Breakup by Region (in %), 2022

Figure 43: Global: Naphtha Market: Breakup by Application (in %), 2022

Figure 44: Global: Naphtha Market Forecast: Volume Trends (in Million Tons), 2023-2028

Figure 45: Global: Naphtha Market Forecast: Value Trends (in Billion US\$), 2023-2028

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