

# Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

<https://marketpublishers.com/r/G03CB2B28439EN.html>

Date: May 2023

Pages: 98

Price: US\$ 3,480.00 (Single User License)

ID: G03CB2B28439EN

## Abstracts

According to our (Global Info Research) latest study, the global Low and Ultra-low Viscosity HDI-based Polyisocyanate market size was valued at USD 88 million in 2022 and is forecast to a readjusted size of USD 110 million by 2029 with a CAGR of 3.2% during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

Polyisocyanate based on the widely used aliphatic hexamethylene-1,6-diisocyanate (HDI). These are primarily used for high performance coatings applications to improve weatherability and UV/chemical resistance. These low and ultra low viscosity grades have 100% symmetrical chemical structure enabling better performance compared to competitors which have slight biuret contamination. The higher quality is great for non-solvent formulations and enables better surface smoothness and gloss retention.

This report is a detailed and comprehensive analysis for global Low and Ultra-low Viscosity HDI-based Polyisocyanate market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Low and Ultra-low Viscosity HDI-based Polyisocyanate market size and

forecasts, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Low and Ultra-low Viscosity HDI-based Polyisocyanate market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Low and Ultra-low Viscosity HDI-based Polyisocyanate market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Tons), and average selling prices (US\$/Ton), 2018-2029

Global Low and Ultra-low Viscosity HDI-based Polyisocyanate market shares of main players, shipments in revenue (\$ Million), sales quantity (Tons), and ASP (US\$/Ton), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Low and Ultra-low Viscosity HDI-based Polyisocyanate

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Low and Ultra-low Viscosity HDI-based Polyisocyanate market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Covestro, ITOCHU Corporation, BASF, Kowa Chemicals and Wanhua Chemical, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Low and Ultra-low Viscosity HDI-based Polyisocyanate market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate

calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

Low Viscosity

Ultra-low Viscosity

#### Market segment by Application

Coating

Ink

Others

#### Major players covered

Covestro

ITOCHU Corporation

BASF

Kowa Chemicals

Wanhua Chemical

Vencorex

Asahi Kasei

Houchem

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Low and Ultra-low Viscosity HDI-based Polyisocyanate product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Low and Ultra-low Viscosity HDI-based Polyisocyanate, with price, sales, revenue and global market share of Low and Ultra-low Viscosity HDI-based Polyisocyanate from 2018 to 2023.

Chapter 3, the Low and Ultra-low Viscosity HDI-based Polyisocyanate competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Low and Ultra-low Viscosity HDI-based Polyisocyanate breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Low and Ultra-low Viscosity HDI-based Polyisocyanate market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Low and Ultra-low Viscosity HDI-based Polyisocyanate.

Chapter 14 and 15, to describe Low and Ultra-low Viscosity HDI-based Polyisocyanate sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Low and Ultra-low Viscosity HDI-based Polyisocyanate
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
  - 1.3.1 Overview: Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Type: 2018 Versus 2022 Versus 2029
  - 1.3.2 Low Viscosity
  - 1.3.3 Ultra-low Viscosity
- 1.4 Market Analysis by Application
  - 1.4.1 Overview: Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Application: 2018 Versus 2022 Versus 2029
  - 1.4.2 Coating
  - 1.4.3 Ink
  - 1.4.4 Others
- 1.5 Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Market Size & Forecast
  - 1.5.1 Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value (2018 & 2022 & 2029)
  - 1.5.2 Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity (2018-2029)
  - 1.5.3 Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Average Price (2018-2029)

### 2 MANUFACTURERS PROFILES

- 2.1 Covestro
  - 2.1.1 Covestro Details
  - 2.1.2 Covestro Major Business
  - 2.1.3 Covestro Low and Ultra-low Viscosity HDI-based Polyisocyanate Product and Services
  - 2.1.4 Covestro Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.1.5 Covestro Recent Developments/Updates
- 2.2 ITOCHU Corporation
  - 2.2.1 ITOCHU Corporation Details

- 2.2.2 ITOCHU Corporation Major Business
- 2.2.3 ITOCHU Corporation Low and Ultra-low Viscosity HDI-based Polyisocyanate Product and Services
- 2.2.4 ITOCHU Corporation Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.2.5 ITOCHU Corporation Recent Developments/Updates
- 2.3 BASF
  - 2.3.1 BASF Details
  - 2.3.2 BASF Major Business
  - 2.3.3 BASF Low and Ultra-low Viscosity HDI-based Polyisocyanate Product and Services
  - 2.3.4 BASF Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.3.5 BASF Recent Developments/Updates
- 2.4 Kowa Chemicals
  - 2.4.1 Kowa Chemicals Details
  - 2.4.2 Kowa Chemicals Major Business
  - 2.4.3 Kowa Chemicals Low and Ultra-low Viscosity HDI-based Polyisocyanate Product and Services
  - 2.4.4 Kowa Chemicals Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.4.5 Kowa Chemicals Recent Developments/Updates
- 2.5 Wanhua Chemical
  - 2.5.1 Wanhua Chemical Details
  - 2.5.2 Wanhua Chemical Major Business
  - 2.5.3 Wanhua Chemical Low and Ultra-low Viscosity HDI-based Polyisocyanate Product and Services
  - 2.5.4 Wanhua Chemical Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.5.5 Wanhua Chemical Recent Developments/Updates
- 2.6 Vencorex
  - 2.6.1 Vencorex Details
  - 2.6.2 Vencorex Major Business
  - 2.6.3 Vencorex Low and Ultra-low Viscosity HDI-based Polyisocyanate Product and Services
  - 2.6.4 Vencorex Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.6.5 Vencorex Recent Developments/Updates
- 2.7 Asahi Kasei

- 2.7.1 Asahi Kasei Details
- 2.7.2 Asahi Kasei Major Business
- 2.7.3 Asahi Kasei Low and Ultra-low Viscosity HDI-based Polyisocyanate Product and Services
- 2.7.4 Asahi Kasei Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.7.5 Asahi Kasei Recent Developments/Updates
- 2.8 Houchem
  - 2.8.1 Houchem Details
  - 2.8.2 Houchem Major Business
  - 2.8.3 Houchem Low and Ultra-low Viscosity HDI-based Polyisocyanate Product and Services
  - 2.8.4 Houchem Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
  - 2.8.5 Houchem Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: LOW AND ULTRA-LOW VISCOSITY HDI-BASED POLYISOCYANATE BY MANUFACTURER**

- 3.1 Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Revenue by Manufacturer (2018-2023)
- 3.3 Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)
  - 3.4.1 Producer Shipments of Low and Ultra-low Viscosity HDI-based Polyisocyanate by Manufacturer Revenue (\$MM) and Market Share (%): 2022
  - 3.4.2 Top 3 Low and Ultra-low Viscosity HDI-based Polyisocyanate Manufacturer Market Share in 2022
  - 3.4.2 Top 6 Low and Ultra-low Viscosity HDI-based Polyisocyanate Manufacturer Market Share in 2022
- 3.5 Low and Ultra-low Viscosity HDI-based Polyisocyanate Market: Overall Company Footprint Analysis
  - 3.5.1 Low and Ultra-low Viscosity HDI-based Polyisocyanate Market: Region Footprint
  - 3.5.2 Low and Ultra-low Viscosity HDI-based Polyisocyanate Market: Company Product Type Footprint
  - 3.5.3 Low and Ultra-low Viscosity HDI-based Polyisocyanate Market: Company Product Application Footprint



- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

## **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Market Size by Region
  - 4.1.1 Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Region (2018-2029)
  - 4.1.2 Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Region (2018-2029)
  - 4.1.3 Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Average Price by Region (2018-2029)
- 4.2 North America Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value (2018-2029)
- 4.3 Europe Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value (2018-2029)
- 4.4 Asia-Pacific Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value (2018-2029)
- 4.5 South America Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value (2018-2029)
- 4.6 Middle East and Africa Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value (2018-2029)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Type (2018-2029)
- 5.2 Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Type (2018-2029)
- 5.3 Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Average Price by Type (2018-2029)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Application (2018-2029)
- 6.2 Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Application (2018-2029)

6.3 Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Average Price by Application (2018-2029)

## **7 NORTH AMERICA**

7.1 North America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Type (2018-2029)

7.2 North America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Application (2018-2029)

7.3 North America Low and Ultra-low Viscosity HDI-based Polyisocyanate Market Size by Country

7.3.1 North America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Country (2018-2029)

7.3.2 North America Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Country (2018-2029)

7.3.3 United States Market Size and Forecast (2018-2029)

7.3.4 Canada Market Size and Forecast (2018-2029)

7.3.5 Mexico Market Size and Forecast (2018-2029)

## **8 EUROPE**

8.1 Europe Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Type (2018-2029)

8.2 Europe Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Application (2018-2029)

8.3 Europe Low and Ultra-low Viscosity HDI-based Polyisocyanate Market Size by Country

8.3.1 Europe Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Country (2018-2029)

8.3.2 Europe Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Country (2018-2029)

8.3.3 Germany Market Size and Forecast (2018-2029)

8.3.4 France Market Size and Forecast (2018-2029)

8.3.5 United Kingdom Market Size and Forecast (2018-2029)

8.3.6 Russia Market Size and Forecast (2018-2029)

8.3.7 Italy Market Size and Forecast (2018-2029)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Type (2018-2029)

9.2 Asia-Pacific Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Application (2018-2029)

9.3 Asia-Pacific Low and Ultra-low Viscosity HDI-based Polyisocyanate Market Size by Region

9.3.1 Asia-Pacific Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Region (2018-2029)

9.3.2 Asia-Pacific Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Region (2018-2029)

9.3.3 China Market Size and Forecast (2018-2029)

9.3.4 Japan Market Size and Forecast (2018-2029)

9.3.5 Korea Market Size and Forecast (2018-2029)

9.3.6 India Market Size and Forecast (2018-2029)

9.3.7 Southeast Asia Market Size and Forecast (2018-2029)

9.3.8 Australia Market Size and Forecast (2018-2029)

## **10 SOUTH AMERICA**

10.1 South America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Type (2018-2029)

10.2 South America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Application (2018-2029)

10.3 South America Low and Ultra-low Viscosity HDI-based Polyisocyanate Market Size by Country

10.3.1 South America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Country (2018-2029)

10.3.2 South America Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Country (2018-2029)

10.3.3 Brazil Market Size and Forecast (2018-2029)

10.3.4 Argentina Market Size and Forecast (2018-2029)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Low and Ultra-low Viscosity HDI-based Polyisocyanate

## Market Size by Country

11.3.1 Middle East & Africa Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

## 12 MARKET DYNAMICS

12.1 Low and Ultra-low Viscosity HDI-based Polyisocyanate Market Drivers

12.2 Low and Ultra-low Viscosity HDI-based Polyisocyanate Market Restraints

12.3 Low and Ultra-low Viscosity HDI-based Polyisocyanate Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

12.5 Influence of COVID-19 and Russia-Ukraine War

12.5.1 Influence of COVID-19

12.5.2 Influence of Russia-Ukraine War

## 13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Low and Ultra-low Viscosity HDI-based Polyisocyanate and Key Manufacturers

13.2 Manufacturing Costs Percentage of Low and Ultra-low Viscosity HDI-based Polyisocyanate

13.3 Low and Ultra-low Viscosity HDI-based Polyisocyanate Production Process

13.4 Low and Ultra-low Viscosity HDI-based Polyisocyanate Industrial Chain

## 14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Low and Ultra-low Viscosity HDI-based Polyisocyanate Typical Distributors

14.3 Low and Ultra-low Viscosity HDI-based Polyisocyanate Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Covestro Basic Information, Manufacturing Base and Competitors

Table 4. Covestro Major Business

Table 5. Covestro Low and Ultra-low Viscosity HDI-based Polyisocyanate Product and Services

Table 6. Covestro Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Covestro Recent Developments/Updates

Table 8. ITOCHU Corporation Basic Information, Manufacturing Base and Competitors

Table 9. ITOCHU Corporation Major Business

Table 10. ITOCHU Corporation Low and Ultra-low Viscosity HDI-based Polyisocyanate Product and Services

Table 11. ITOCHU Corporation Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. ITOCHU Corporation Recent Developments/Updates

Table 13. BASF Basic Information, Manufacturing Base and Competitors

Table 14. BASF Major Business

Table 15. BASF Low and Ultra-low Viscosity HDI-based Polyisocyanate Product and Services

Table 16. BASF Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. BASF Recent Developments/Updates

Table 18. Kowa Chemicals Basic Information, Manufacturing Base and Competitors

Table 19. Kowa Chemicals Major Business

Table 20. Kowa Chemicals Low and Ultra-low Viscosity HDI-based Polyisocyanate Product and Services

Table 21. Kowa Chemicals Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

- Table 22. Kowa Chemicals Recent Developments/Updates
- Table 23. Wanhua Chemical Basic Information, Manufacturing Base and Competitors
- Table 24. Wanhua Chemical Major Business
- Table 25. Wanhua Chemical Low and Ultra-low Viscosity HDI-based Polyisocyanate Product and Services
- Table 26. Wanhua Chemical Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 27. Wanhua Chemical Recent Developments/Updates
- Table 28. Vencorex Basic Information, Manufacturing Base and Competitors
- Table 29. Vencorex Major Business
- Table 30. Vencorex Low and Ultra-low Viscosity HDI-based Polyisocyanate Product and Services
- Table 31. Vencorex Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 32. Vencorex Recent Developments/Updates
- Table 33. Asahi Kasei Basic Information, Manufacturing Base and Competitors
- Table 34. Asahi Kasei Major Business
- Table 35. Asahi Kasei Low and Ultra-low Viscosity HDI-based Polyisocyanate Product and Services
- Table 36. Asahi Kasei Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 37. Asahi Kasei Recent Developments/Updates
- Table 38. Houchem Basic Information, Manufacturing Base and Competitors
- Table 39. Houchem Major Business
- Table 40. Houchem Low and Ultra-low Viscosity HDI-based Polyisocyanate Product and Services
- Table 41. Houchem Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity (Tons), Average Price (US\$/Ton), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 42. Houchem Recent Developments/Updates
- Table 43. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Manufacturer (2018-2023) & (Tons)
- Table 44. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Revenue by Manufacturer (2018-2023) & (USD Million)
- Table 45. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Average Price by Manufacturer (2018-2023) & (US\$/Ton)

Table 46. Market Position of Manufacturers in Low and Ultra-low Viscosity HDI-based Polyisocyanate, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 47. Head Office and Low and Ultra-low Viscosity HDI-based Polyisocyanate Production Site of Key Manufacturer

Table 48. Low and Ultra-low Viscosity HDI-based Polyisocyanate Market: Company Product Type Footprint

Table 49. Low and Ultra-low Viscosity HDI-based Polyisocyanate Market: Company Product Application Footprint

Table 50. Low and Ultra-low Viscosity HDI-based Polyisocyanate New Market Entrants and Barriers to Market Entry

Table 51. Low and Ultra-low Viscosity HDI-based Polyisocyanate Mergers, Acquisition, Agreements, and Collaborations

Table 52. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Region (2018-2023) & (Tons)

Table 53. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Region (2024-2029) & (Tons)

Table 54. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Region (2018-2023) & (USD Million)

Table 55. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Region (2024-2029) & (USD Million)

Table 56. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Average Price by Region (2018-2023) & (US\$/Ton)

Table 57. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Average Price by Region (2024-2029) & (US\$/Ton)

Table 58. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Type (2018-2023) & (Tons)

Table 59. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Type (2024-2029) & (Tons)

Table 60. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Type (2018-2023) & (USD Million)

Table 61. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Type (2024-2029) & (USD Million)

Table 62. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Average Price by Type (2018-2023) & (US\$/Ton)

Table 63. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Average Price by Type (2024-2029) & (US\$/Ton)

Table 64. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Application (2018-2023) & (Tons)

Table 65. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity



by Application (2024-2029) & (Tons)

Table 66. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Application (2018-2023) & (USD Million)

Table 67. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Application (2024-2029) & (USD Million)

Table 68. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Average Price by Application (2018-2023) & (US\$/Ton)

Table 69. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Average Price by Application (2024-2029) & (US\$/Ton)

Table 70. North America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Type (2018-2023) & (Tons)

Table 71. North America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Type (2024-2029) & (Tons)

Table 72. North America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Application (2018-2023) & (Tons)

Table 73. North America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Application (2024-2029) & (Tons)

Table 74. North America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Country (2018-2023) & (Tons)

Table 75. North America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Country (2024-2029) & (Tons)

Table 76. North America Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Country (2018-2023) & (USD Million)

Table 77. North America Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Country (2024-2029) & (USD Million)

Table 78. Europe Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Type (2018-2023) & (Tons)

Table 79. Europe Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Type (2024-2029) & (Tons)

Table 80. Europe Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Application (2018-2023) & (Tons)

Table 81. Europe Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Application (2024-2029) & (Tons)

Table 82. Europe Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Country (2018-2023) & (Tons)

Table 83. Europe Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Country (2024-2029) & (Tons)

Table 84. Europe Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Country (2018-2023) & (USD Million)

Table 85. Europe Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Country (2024-2029) & (USD Million)

Table 86. Asia-Pacific Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Type (2018-2023) & (Tons)

Table 87. Asia-Pacific Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Type (2024-2029) & (Tons)

Table 88. Asia-Pacific Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Application (2018-2023) & (Tons)

Table 89. Asia-Pacific Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Application (2024-2029) & (Tons)

Table 90. Asia-Pacific Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Region (2018-2023) & (Tons)

Table 91. Asia-Pacific Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Region (2024-2029) & (Tons)

Table 92. Asia-Pacific Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Region (2018-2023) & (USD Million)

Table 93. Asia-Pacific Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Region (2024-2029) & (USD Million)

Table 94. South America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Type (2018-2023) & (Tons)

Table 95. South America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Type (2024-2029) & (Tons)

Table 96. South America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Application (2018-2023) & (Tons)

Table 97. South America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Application (2024-2029) & (Tons)

Table 98. South America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Country (2018-2023) & (Tons)

Table 99. South America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Country (2024-2029) & (Tons)

Table 100. South America Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Country (2018-2023) & (USD Million)

Table 101. South America Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Country (2024-2029) & (USD Million)

Table 102. Middle East & Africa Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Type (2018-2023) & (Tons)

Table 103. Middle East & Africa Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Type (2024-2029) & (Tons)

Table 104. Middle East & Africa Low and Ultra-low Viscosity HDI-based Polyisocyanate

Sales Quantity by Application (2018-2023) & (Tons)

Table 105. Middle East & Africa Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Application (2024-2029) & (Tons)

Table 106. Middle East & Africa Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Region (2018-2023) & (Tons)

Table 107. Middle East & Africa Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity by Region (2024-2029) & (Tons)

Table 108. Middle East & Africa Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Region (2018-2023) & (USD Million)

Table 109. Middle East & Africa Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Region (2024-2029) & (USD Million)

Table 110. Low and Ultra-low Viscosity HDI-based Polyisocyanate Raw Material

Table 111. Key Manufacturers of Low and Ultra-low Viscosity HDI-based Polyisocyanate Raw Materials

Table 112. Low and Ultra-low Viscosity HDI-based Polyisocyanate Typical Distributors

Table 113. Low and Ultra-low Viscosity HDI-based Polyisocyanate Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. Low and Ultra-low Viscosity HDI-based Polyisocyanate Picture
- Figure 2. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 3. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value Market Share by Type in 2022
- Figure 4. Low Viscosity Examples
- Figure 5. Ultra-low Viscosity Examples
- Figure 6. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 7. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value Market Share by Application in 2022
- Figure 8. Coating Examples
- Figure 9. Ink Examples
- Figure 10. Others Examples
- Figure 11. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value, (USD Million): 2018 & 2022 & 2029
- Figure 12. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value and Forecast (2018-2029) & (USD Million)
- Figure 13. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity (2018-2029) & (Tons)
- Figure 14. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Average Price (2018-2029) & (US\$/Ton)
- Figure 15. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity Market Share by Manufacturer in 2022
- Figure 16. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value Market Share by Manufacturer in 2022
- Figure 17. Producer Shipments of Low and Ultra-low Viscosity HDI-based Polyisocyanate by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021
- Figure 18. Top 3 Low and Ultra-low Viscosity HDI-based Polyisocyanate Manufacturer (Consumption Value) Market Share in 2022
- Figure 19. Top 6 Low and Ultra-low Viscosity HDI-based Polyisocyanate Manufacturer (Consumption Value) Market Share in 2022
- Figure 20. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity Market Share by Region (2018-2029)
- Figure 21. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption

Value Market Share by Region (2018-2029)

Figure 22. North America Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value (2018-2029) & (USD Million)

Figure 23. Europe Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value (2018-2029) & (USD Million)

Figure 24. Asia-Pacific Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value (2018-2029) & (USD Million)

Figure 25. South America Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value (2018-2029) & (USD Million)

Figure 26. Middle East & Africa Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value (2018-2029) & (USD Million)

Figure 27. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity Market Share by Type (2018-2029)

Figure 28. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value Market Share by Type (2018-2029)

Figure 29. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Average Price by Type (2018-2029) & (US\$/Ton)

Figure 30. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity Market Share by Application (2018-2029)

Figure 31. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value Market Share by Application (2018-2029)

Figure 32. Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Average Price by Application (2018-2029) & (US\$/Ton)

Figure 33. North America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity Market Share by Type (2018-2029)

Figure 34. North America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity Market Share by Application (2018-2029)

Figure 35. North America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity Market Share by Country (2018-2029)

Figure 36. North America Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value Market Share by Country (2018-2029)

Figure 37. United States Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 38. Canada Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 39. Mexico Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Europe Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity Market Share by Type (2018-2029)

Figure 41. Europe Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity Market Share by Application (2018-2029)

Figure 42. Europe Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity Market Share by Country (2018-2029)

Figure 43. Europe Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value Market Share by Country (2018-2029)

Figure 44. Germany Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 45. France Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. United Kingdom Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. Russia Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Italy Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Asia-Pacific Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity Market Share by Type (2018-2029)

Figure 50. Asia-Pacific Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity Market Share by Application (2018-2029)

Figure 51. Asia-Pacific Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity Market Share by Region (2018-2029)

Figure 52. Asia-Pacific Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value Market Share by Region (2018-2029)

Figure 53. China Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 54. Japan Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. Korea Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. India Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Southeast Asia Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Australia Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. South America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity Market Share by Type (2018-2029)

Figure 60. South America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales

Quantity Market Share by Application (2018-2029)

Figure 61. South America Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity Market Share by Country (2018-2029)

Figure 62. South America Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value Market Share by Country (2018-2029)

Figure 63. Brazil Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 64. Argentina Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 65. Middle East & Africa Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity Market Share by Type (2018-2029)

Figure 66. Middle East & Africa Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity Market Share by Application (2018-2029)

Figure 67. Middle East & Africa Low and Ultra-low Viscosity HDI-based Polyisocyanate Sales Quantity Market Share by Region (2018-2029)

Figure 68. Middle East & Africa Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value Market Share by Region (2018-2029)

Figure 69. Turkey Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 70. Egypt Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 71. Saudi Arabia Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. South Africa Low and Ultra-low Viscosity HDI-based Polyisocyanate Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. Low and Ultra-low Viscosity HDI-based Polyisocyanate Market Drivers

Figure 74. Low and Ultra-low Viscosity HDI-based Polyisocyanate Market Restraints

Figure 75. Low and Ultra-low Viscosity HDI-based Polyisocyanate Market Trends

Figure 76. Porters Five Forces Analysis

Figure 77. Manufacturing Cost Structure Analysis of Low and Ultra-low Viscosity HDI-based Polyisocyanate in 2022

Figure 78. Manufacturing Process Analysis of Low and Ultra-low Viscosity HDI-based Polyisocyanate

Figure 79. Low and Ultra-low Viscosity HDI-based Polyisocyanate Industrial Chain

Figure 80. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 81. Direct Channel Pros & Cons

Figure 82. Indirect Channel Pros & Cons

Figure 83. Methodology

Figure 84. Research Process and Data Source

## I would like to order

Product name: Global Low and Ultra-low Viscosity HDI-based Polyisocyanate Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

Product link: <https://marketpublishers.com/r/G03CB2B28439EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G03CB2B28439EN.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



