

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

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Abstracts

The global acetonitrile market size reached 148.9 Kilo Tons in 2022. Looking forward, IMARC Group expects the market to reach 197 Kilo Tons by 2028, exhibiting a growth rate (CAGR) of 4.7% during 2023-2028.

Acetonitrile is the simplest of organic nitriles with the chemical formula CH_3CN . It is also known as cyanomethane, methyl cyanide, ethyl nitrile, methanecarbonitrile, etc. It is a clear, colourless liquid with a sweet, ethereal odour and is an important intermediate for pharmaceutical and functional material chemicals. The report finds that the market is currently being driven by a heavy demand of acetonitrile in its end-use industries such as pharmaceuticals and HPLC applications. The report provides a comprehensive insight into the industry including its market breakup by region, market breakup by end-uses, value chain analysis, import and export trends, key players and market outlook. The report also gives an in-sight into the manufacturing process of acetonitrile, covering key success and risk factors for manufacturers, manufacturing process flow, the reactions involved, raw materials and their requirements, etc.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global acetonitrile market report, along with forecasts at the global and regional level from 2023-2028. Our report has categorized the market based on end-use.

Breakup by End-Use:

Pharmaceuticals
Analytical Industry
Agrochemicals

Extraction Industry Others

The report has analysed and segmented the global acetonitrile market on the basis of end-uses. Its biggest end-user is the pharmaceuticals industry accounting for the majority of the total global consumption. Acetonitrile is used to synthesise certain vitamins, amino acids, cortisone, etc. It is also used as a solvent in the production of insulin and antibiotics, tertiary-generation cephalosporins and for DNA synthesis. The second largest consumer of acetonitrile is in the HPCL applications (high-performance liquid chromatography). Acetonitrile is also used as a solvent in UV spectroscopy and polarography, in lithium batteries, for casting and moulding of plastic materials, for the extraction of fatty acids from animal and vegetable oils, in chemical laboratories for the detection of chemical residues and for spinning fibres.

Breakup by Region:

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

The report has analysed the global key regions of the acetonitrile market and finds Asia-Pacific as the its biggest producer, accounting for more than half of the total global production. In terms of consumption, China represents the biggest consumer of acetonitrile.

Import and Export:

On the basis of import and export trends, the China represents the largest global importer of acetonitrile accounting for the majority of the total global imports.

Competitive Landscape:

Analysing the competitive landscape of the global acetonitrile market the report has found that Ineos AG represents the world's biggest producer of acetonitrile accounting for around a third of the total global production. Ineos AG is followed by Asahi Kasei Corporation, Formosa Plastic Corporation, Imperial Chemical Corporation, Nova Molecular Technologies, Inc, Tedia Company, Inc, Avantor Performance Materials, LLC,

Shanghai Secco Petrochemical Company Limited, Qingdao Shida Chemical Co., Ltd.,
Nantong Acetic Acid Chemical Co., Ltd. and Taekwang Industrial Co., Ltd.

The essential aspects of the global acetonitrile market evaluated in the report include:

Market trends

Major regions

Impact of COVID-19

Key application areas

Key manufacturers

Price trends

Raw material requirements

Chemical reactions involved in the manufacturing process

Major importers and exporters

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 players for major feedstocks

Key Questions Answered in This Report

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

5 GLOBAL ACETONITRILE 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 Analysis
 - 5.4.1 Key Price Indicators
 - 5.4.2 Price Structure
 - 5.4.3 Price Trends
- 5.5 Market Breakup by Region
- 5.6 Market Breakup by End Use
- 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 Raw Material Procurement
 - 5.9.2 Manufacturing
 - 5.9.3 Distribution
 - 5.9.4 Export
 - 5.9.5 End-Use
- 5.10 Porter's Five Forces Analysis
 - 5.10.1 Overview
 - 5.10.2 Bargaining Power of Buyers
 - 5.10.3 Bargaining Power of Suppliers
 - 5.10.4 Degree of Competition
 - 5.10.5 Threat of New Entrants
 - 5.10.6 Threat of Substitutes
- 5.11 Trade Data
 - 5.11.1 Imports
 - 5.11.2 Exports
- 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 North America
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Europe
 - 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 BREAKUP BY END USE

7.1 Pharmaceuticals

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Analytical Industry

7.2.1 Market Trends

7.2.2 Market Forecast

7.3 Agrochemicals

7.3.1 Market Trends

7.3.2 Market Forecast

7.4 Extraction Industry

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 Profiles of Major Players

8.3.1 Ineos AG

8.3.2 Asahi Kasei Corporation

8.3.3 Formosa Plastic Corporation

8.3.4 Imperial Chemical Corporation

8.3.5 Nova Molecular Technologies, Inc.

8.3.6 Tedia Company, Inc.

8.3.7 Avantor Performance Materials, LLC

8.3.8 Shanghai Secco Petrochemical Company Limited

8.3.9 Qingdao Shida Chemical Co., Ltd.

8.3.10 Nantong Acetic Acid Chemical Co., Ltd.

8.3.11 Taekwang Industrial Co., Ltd

9 ACETONITRILE MANUFACTURING PROCESS

9.1 Product Overview

- 9.2 Chemical Reactions Involved
- 9.3 Manufacturing Process
- 9.4 Detailed Process Flow
- 9.5 Raw Material Requirements
- 9.6 Mass Balance and Feedstock Conversion Rates

10 ACETONITRILE FEEDSTOCK MARKET ANALYSIS

- 10.1 Propylene
 - 10.1.1 Market Performance
 - 10.1.1.1 Volume Trends
 - 10.1.1.2 Value Trends
 - 10.1.2 Price Trends
 - 10.1.3 Market Breakup by Region
 - 10.1.4 Market Breakup by End-Use
 - 10.1.5 Key Suppliers
- 10.2 Ammonia
 - 10.2.1 Market Performance
 - 10.2.1.1 Volume Trends
 - 10.2.1.2 Value Trends
 - 10.2.2 Price Trends
 - 10.2.3 Market Breakup by Region
 - 10.2.4 Market Breakup by End-Use
 - 10.2.5 Key Suppliers

List Of Tables

LIST OF TABLES

Table 1: Acetonitrile: Physical Properties

Table 2: Acetonitrile: Chemical Properties

Table 3: Global: Acetonitrile Market: Key Industry Highlights, 2022 and 2028

Table 4: Global: Acetonitrile Market Forecast: Breakup by Region (in '000 Tons), 2023-2028

Table 5: Global: Acetonitrile Market Forecast: Breakup by End Use (in '000 Tons), 2023-2028

Table 6: Global: Nitrile Function Compounds: Imports by Major Countries

Table 7: Global: Nitrile Function Compounds: Exports by Major Countries

Table 8: Global: Acetonitrile Market: List of Major Players

Table 9: Acetonitrile Manufacturing: Raw Materials Requirements

Table 10: Acetonitrile Manufacturing: Chemical Reactions Involved

Table 11: Global: Propylene Market: List of Major Players

Table 12: Global: Ammonia Market: Capacities of Major Players (in '000 Tons)

List Of Figures

LIST OF FIGURES

Figure 1: Global: Acetonitrile Industry Overview

Figure 2: Global: Acetonitrile Market: Production Volume Trends (in '000 Tons), 2017-2022

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

Figure 4: Global: Acetonitrile Market: Average Prices (in US\$/Ton), 2017-2022

Figure 5: Global: Acetonitrile Market: Production Breakup by Region (in %), 2022

Figure 6: Global: Acetonitrile Market: Consumption Breakup by Region (in %), 2022

Figure 7: Global: Acetonitrile Market: Breakup by End-Use (in %), 2022

Figure 8: Global: Acetonitrile Market Forecast: Production Volume Trends (in '000 Tons), 2023-2028

Figure 9: Global: Acetonitrile Market Forecast: Production Value Trends (in Million US\$), 2023-2028

Figure 10: Global: Acetonitrile Market Forecast: Average Prices (in US\$/Ton), 2023-2028

Figure 11: Global: Acetonitrile Industry: SWOT Analysis

Figure 12: Global: Acetonitrile Industry: Value Chain Analysis

Figure 13: Global: Acetonitrile Industry: Porter's Five Forces Analysis

Figure 14: Global: Nitrile Function Compounds: Import Value Breakup by Country

Figure 15: Top Countries: Nitrile Function Compounds: Import Value Trends (in Million US\$)

Figure 16: Global: Nitrile Function Compounds: Export Value Breakup by Country

Figure 17: Top Countries: Nitrile Function Compounds: Export Value Trends (in Million US\$)

Figure 18: Asia-Pacific: Acetonitrile Market (in '000 Tons), 2017 & 2022

Figure 19: Asia-Pacific: Acetonitrile Market Forecast (in '000 Tons), 2023-2028

Figure 20: North America: Acetonitrile Market (in '000 Tons), 2017 & 2022

Figure 21: North America: Acetonitrile Market Forecast (in '000 Tons), 2023-2028

Figure 22: Europe: Acetonitrile Market (in '000 Tons), 2017 & 2022

Figure 23: Europe: Acetonitrile Market Forecast (in '000 Tons), 2023-2028

Figure 24: Middle East and Africa: Acetonitrile Market (in '000 Tons), 2017 & 2022

Figure 25: Middle East and Africa: Acetonitrile Market Forecast (in '000 Tons), 2023-2028

Figure 26: Latin America: Acetonitrile Market (in '000 Tons), 2017 & 2022

Figure 27: Latin America: Acetonitrile Market Forecast (in '000 Tons), 2023-2028

Figure 28: Global: Acetonitrile Market: Pharmaceuticals (in '000 Tons), 2017 & 2022

Figure 29: Global: Acetonitrile Market Forecast: Pharmaceuticals (in '000 Tons), 2023-2028

Figure 30: Global: Acetonitrile Market: Analytical Industry (in '000 Tons), 2017 & 2022

Figure 31: Global: Acetonitrile Market Forecast: Analytical Industry (in '000 Tons), 2023-2028

Figure 32: Global: Acetonitrile Market: Agrochemicals (in '000 Tons), 2017 & 2022

Figure 33: Global: Acetonitrile Market Forecast: Agrochemicals (in '000 Tons), 2023-2028

Figure 34: Global: Acetonitrile Market: Extraction (in '000 Tons), 2017 & 2022

Figure 35: Global: Acetonitrile Market Forecast: Extraction (in '000 Tons), 2023-2028

Figure 36: Global: Acetonitrile Market: Other End Uses (in '000 Tons), 2017 & 2022

Figure 37: Global: Acetonitrile Market Forecast: Other End Uses (in '000 Tons), 2023-2028

Figure 38: Acetonitrile Manufacturing: Detailed Process Flow

Figure 39: Acetonitrile Manufacturing: Conversion Rate of Feedstocks

Figure 40: Global: Propylene Market: Production Volume Trends (in Million Tons), 2017-2022

Figure 41: Global: Propylene Market: Value Trends (in Million US\$), 2017-2022

Figure 42: Global: Propylene Market: Price Trends (in US\$/Ton), 2017-2022

Figure 43: Global: Propylene Market: Breakup by Region (in %), 2022

Figure 44: Global: Propylene Market: Breakup by End-Use (in %), 2022

Figure 45: Global: Ammonia Market: Production Volume Trends (in Million Tons), 2017-2022

Figure 46: Global: Ammonia Market: Value Trends (in Million US\$), 2017-2022

Figure 47: Global: Ammonia Market: Price Trends (in US\$/Ton), 2017-2022

Figure 48: Global: Ammonia Market: Breakup by Region (in %), 2022

Figure 49: Global: Ammonia Market: Breakup by End-Use (in %), 2022

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