

Ammonia Market by Type (Anhydrous, Aqueous), Sales Channel (Direct and Indirect), End-use Industry (Agriculture, Textile, Refrigeration, Mining, and Pharmaceutical), and Region - Global Forecast to 2029

<https://marketpublishers.com/r/A47F27EBF133EN.html>

Date: October 2024

Pages: 232

Price: US\$ 4,950.00 (Single User License)

ID: A47F27EBF133EN

Abstracts

The ammonia market size is projected to grow from USD 79.47 billion in 2024 and is projected to reach USD 91.95 billion by 2029, at a CAGR of 3.0%. With the ongoing increase in the global population, the demand for food production is increasing, resulting in the agricultural sector relying increasingly on nitrogen-based fertilizers, with ammonia being an essential component. Ammonia plays a crucial role in the production of fertilizers such as urea which contributes to increased crop yields and the maintenance of soil fertility. Countries like India and China, which have large agricultural sectors, are boosting their use of ammonia-based fertilizers to secure food for their expanding populations. The regular demand from the agricultural sector plays a crucial role in the ongoing growth of the ammonia market. The potential of ammonia in the clean energy transition is a significant driver of market growth.

“Anhydrous is projected to be the largest segment by type in ammonia market”

Sustainability is increasingly at the forefront, efficient usage methods of anhydrous ammonia enhance its appeal to consumers. When used effectively, it reduces nitrogen loss and reduces the environmental impact in comparison to other types of nitrogen fertilizers. This boosts long-term environmental sustainability, especially in areas carrying out stricter regulations on agricultural emissions. Anhydrous ammonia, known for its high efficiency, cost-effectiveness, and industrial versatility, is anticipated to stay as the largest segment in the ammonia market.

“Direct is projected to be the largest segment by sales channel in ammonia market”

Direct sales enable manufacturers to grow greater ties with end-users, providing constant supply and customized products created to meet specific requirements. This approach additionally reduces intermediaries, lowering expenses and enhancing efficiency for both suppliers and buyers. The increasing demand for bulk ammonia, especially within the agriculture and chemical sectors, places direct sales as a dependable and economical channel, establishing it as the leading channel for sales in the market.

“Refrigeration is the third largest segment by end-use industry in ammonia market during forecast region.”

The growth of the cold chain logistics industry increases the demand for ammonia in refrigeration. The growth of global trade in perishable goods has led to an increased demand for refrigeration systems to maintain product quality during transportation. Ammonia is good in low-temperature applications, making it the ideal choice for refrigerated warehouses and transport vehicles. Major logistics companies are implementing ammonia refrigeration systems to enhance their cold chain operations, ensuring that food and pharmaceuticals are maintained at optimal temperatures during transit.

“Middle East & Africa accounts for the third-largest share in ammonia market by region”

Countries in the Middle East, including Saudi Arabia, the UAE, and Qatar, are investing in chemical industries to reduce their dependence on oil. SABIC (Saudi Basic Industries Corporation) and Qatar Fertiliser Company (QAFICO) are key players influencing chemical and fertilizer production throughout the Middle East and Africa. SABIC, a leading player in the global petrochemical industry is a crucial producer of ammonia and plays an important part in Saudi Arabia's Vision 2030. SABIC's ammonia plays an important role in the production of fertilizers. The company's emphasis on increasing its ammonia production capacity and establishing large-scale ammonia plants addresses both domestic needs and export opportunities, thereby increasing the overall ammonia market in the Middle East and Africa region.

By Company Type: Tier 1: 25%, Tier 2: 42%, and Tier 3: 33%

By Designation: C-level Executives: 20%, Directors: 30%, and Others: 50%

By Region: North America: 20%, Europe: 10%, Asia Pacific: 40%, South America: 10%,

Middle East & Africa 20%

Notes: Others include sales, marketing, and product managers.

Tier 1: >USD 1 Billion; Tier 2: USD 500 million–1 Billion; and Tier 3:

Contents

1 INTRODUCTION

- 1.1 STUDY OBJECTIVES
- 1.2 MARKET DEFINITION
- 1.3 STUDY SCOPE
 - 1.3.1 AMMONIA MARKET SEGMENTATION
 - 1.3.2 INCLUSIONS & EXCLUSIONS
 - 1.3.3 YEARS CONSIDERED
 - 1.3.4 CURRENCY CONSIDERED
 - 1.3.5 UNITS CONSIDERED
- 1.4 LIMITATIONS
- 1.5 STAKEHOLDERS
- 1.6 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Key data from secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Key primary participants
 - 2.1.2.2 Key data from primary sources
 - 2.1.2.3 Breakdown of interviews with experts
 - 2.1.2.4 Key industry insights
- 2.2 MARKET SIZE ESTIMATION
 - 2.2.1 TOP-DOWN APPROACH
 - 2.2.2 BOTTOM-UP APPROACH
- 2.3 BASE NUMBER CALCULATION
 - 2.3.1 DEMAND-SIDE APPROACH
 - 2.3.2 SUPPLY-SIDE APPROACH
- 2.4 GROWTH FORECAST
 - 2.4.1 SUPPLY SIDE
 - 2.4.2 DEMAND SIDE
- 2.5 DATA TRIANGULATION
- 2.6 RESEARCH ASSUMPTIONS
- 2.7 FACTOR ANALYSIS
- 2.8 RESEARCH LIMITATIONS

2.9 RISK ASSESSMENT

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN AMMONIA MARKET

4.2 AMMONIA MARKET GROWTH, BY TYPE

4.3 AMMONIA MARKET GROWTH, BY SALES CHANNEL

4.4 AMMONIA MARKET, BY END-USE INDUSTRY

4.5 ASIA PACIFIC: AMMONIA MARKET, BY TYPE & COUNTRY

4.6 AMMONIA MARKET: MAJOR COUNTRIES

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Rising agricultural demand for ammonia

5.2.1.2 Rising demand for grain and oilseed crops and increasing population

5.2.1.3 Growing demand for refrigeration

5.2.2 RESTRAINTS

5.2.2.1 Fluctuations in pricing

5.2.2.2 High production costs

5.2.3 OPPORTUNITIES

5.2.3.1 Growing emphasis on low carbon solutions

5.2.3.2 Increasing demand from emerging markets

5.2.4 CHALLENGES

5.2.4.1 Alternative technologies

5.2.4.2 Regulatory compliance

6 INDUSTRY TRENDS

6.1 TRENDS AND DISRUPTIONS IMPACTING CUSTOMER BUSINESS

6.2 PRICING ANALYSIS

6.2.1 AVERAGE SELLING PRICE OF KEY PLAYERS, BY TYPE

6.2.2 AVERAGE SELLING PRICE TREND OF AMMONIA, BY REGION, 2022–2029

6.3 PORTER'S FIVE FORCES ANALYSIS

6.3.1 THREAT OF NEW ENTRANTS

- 6.3.2 THREAT OF SUBSTITUTES
- 6.3.3 BARGAINING POWER OF SUPPLIERS
- 6.3.4 BARGAINING POWER OF BUYERS
- 6.3.5 INTENSITY OF COMPETITIVE RIVALRY
- 6.4 KEY STAKEHOLDERS & BUYING CRITERIA
 - 6.4.1 KEY STAKEHOLDERS IN BUYING PROCESS
 - 6.4.2 BUYING CRITERIA
- 6.5 VALUE CHAIN ANALYSIS
- 6.6 ECOSYSTEM ANALYSIS
- 6.7 TRADE ANALYSIS
 - 6.7.1 EXPORT SCENARIO (HS CODE 2814)
 - 6.7.2 IMPORT SCENARIO (HS CODE 2814)
- 6.8 TECHNOLOGY ANALYSIS
 - 6.8.1 KEY TECHNOLOGIES
 - 6.8.1.1 Haber-Bosch Process
 - 6.8.1.2 Electrochemical Nitrogen Reduction
 - 6.8.2 COMPLEMENTARY TECHNOLOGIES
 - 6.8.2.1 Renewable Energy Integration
 - 6.8.2.2 Advanced Heat Recovery Systems
- 6.9 IMPACT OF GEN AI ON AMMONIA MARKET
 - 6.9.1 INTEGRATING AI IN AMMONIA SECTOR
 - 6.9.2 BEST PRACTICES TO LEVERAGE AI FOR AMMONIA MARKET
 - 6.9.3 USE CASES OF AI IN AMMONIA MARKET
- 6.10 REGULATORY LANDSCAPE
 - 6.10.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS
- 6.11 CASE STUDY ANALYSIS
 - 6.11.1 GREEN AMMONIA IMPACT ASSESSMENT CASE STUDY
 - 6.11.2 AMMONIA WASTEWATER TREATMENT
- 6.12 PATENT ANALYSIS
 - 6.12.1 METHODOLOGY
 - 6.12.2 PATENT ANALYSIS
- 6.13 KEY CONFERENCES & EVENTS, 2024–2025
- 6.14 MACROECONOMIC ANALYSIS
 - 6.14.1 INTRODUCTION
 - 6.14.2 GDP
- 6.15 INVESTMENT & FUNDING SCENARIO

7 AMMONIA MARKET, BY TYPE

Ammonia Market by Type (Anhydrous, Aqueous), Sales Channel (Direct and Indirect), End-use Industry (Agricultur...

7.1 INTRODUCTION

7.2 ANHYDROUS

7.2.1 GROWING SIGNIFICANCE IN FERTILIZER PRODUCTION

7.3 AQUEOUS

7.3.1 RISING DEMAND FOR EFFICIENT WATER TREATMENT SOLUTIONS

8 AMMONIA MARKET, BY SALES CHANNEL

8.1 INTRODUCTION

8.2 DIRECT

8.2.1 STRONG DEMAND FROM LARGE-SCALE BUYERS

8.3 INDIRECT

8.3.1 GROWTH OF E-COMMERCE SECTOR

9 AMMONIA MARKET, BY END-USE INDUSTRY

9.1 INTRODUCTION

9.2 AGRICULTURE

9.2.1 CRUCIAL FOR SUSTAINING AGRICULTURAL PRODUCTIVITY

9.3 TEXTILE

9.3.1 GROWING DEMAND FOR HIGH-QUALITY TEXTILES

9.4 REFRIGERATION

9.4.1 RAPID EXPANSION OF COLD CHAIN LOGISTICS SECTOR

9.5 MINING

9.5.1 GROWING USE AS LEACHING AGENT IN EXTRACTING AND PROCESSING METALS

9.6 PHARMACEUTICAL

9.6.1 RISING AGING POPULATION AND CHRONIC DISEASES

9.7 OTHER END-USE INDUSTRIES

10 AMMONIA MARKET, BY REGION

10.1 INTRODUCTION

10.2 ASIA PACIFIC

10.2.1 CHINA

10.2.1.1 High use of ammonia for clean energy transition

10.2.2 INDIA

10.2.2.1 Expansion of food processing industry

- 10.2.3 JAPAN
 - 10.2.3.1 Ambitious carbon neutrality strategy for 2050
- 10.2.4 INDONESIA
 - 10.2.4.1 Growing agricultural sector
- 10.2.5 RESF OF ASIA PACIFIC
- 10.3 EUROPE
 - 10.3.1 GERMANY
 - 10.3.1.1 Increasing imports of green ammonia and agricultural demand
 - 10.3.2 FRANCE
 - 10.3.2.1 Strong export performance to expand market
 - 10.3.3 UK
 - 10.3.3.1 Green initiatives driving demand for ammonia
 - 10.3.4 SPAIN
 - 10.3.4.1 Plans to generate substantial quantities of green ammonia by 2030
 - 10.3.5 ITALY
 - 10.3.5.1 Strong economy and agricultural leadership
 - 10.3.6 RUSSIA
 - 10.3.6.1 Growing domestic demand and export opportunities
 - 10.3.7 REST OF EUROPE
- 10.4 NORTH AMERICA
 - 10.4.1 US
 - 10.4.1.1 Rising population and global textile demand
 - 10.4.2 CANADA
 - 10.4.2.1 Leveraging clean energy and incentives to drive market
 - 10.4.3 MEXICO
 - 10.4.3.1 Strategic role in global trade and investment in ammonia industry
- 10.5 MIDDLE EAST & AFRICA
 - 10.5.1 GCC COUNTRIES
 - 10.5.1.1 SAUDI ARABIA
 - 10.5.1.1.1 Saudi Arabia's vision 2030 promoting sustainable energy solutions
 - 10.5.1.2 UAE
 - 10.5.1.2.1 Commitment to a carbon-free future to drive market
 - 10.5.1.3 Rest of GCC Countries
 - 10.5.2 IRAN
 - 10.5.2.1 Increasing agricultural productivity
 - 10.5.3 REST OF MIDDLE EAST & AFRICA
- 10.6 SOUTH AMERICA
 - 10.6.1 BRAZIL
 - 10.6.1.1 Initiatives like Project Iracema to produce renewable ammonia

10.6.2 ARGENTINA

10.6.2.1 Establishment of regulatory framework to drive market

10.6.3 REST OF SOUTH AMERICA

11 COMPETITIVE LANDSCAPE

11.1 OVERVIEW

11.2 KEY PLAYER STRATEGIES/RIGHT TO WIN

11.3 MARKET SHARE ANALYSIS

11.4 REVENUE ANALYSIS

11.5 COMPANY VALUATION & FINANCIAL METRICS

11.6 COMPANY VALUATION

11.7 FINANCIAL MATRIX

11.8 BRAND/PRODUCT COMPARISON

11.9 COMPANY EVALUATION MATRIX: KEY PLAYERS, 2023

11.9.1 STARS

11.9.2 EMERGING LEADERS

11.9.3 PERVASIVE PLAYERS

11.9.4 PARTICIPANTS

11.9.5 COMPANY FOOTPRINT: KEY PLAYERS, 2023

11.9.5.1 Company footprint

11.9.5.2 Type footprint

11.9.5.3 Sales channel footprint

11.9.5.4 End-use industry footprint

11.9.5.5 Region footprint

11.10 COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2023

11.10.1 PROGRESSIVE COMPANIES

11.10.2 RESPONSIVE COMPANIES

11.10.3 DYNAMIC COMPANIES

11.10.4 STARTING BLOCKS

11.10.5 COMPETITIVE BENCHMARKING

11.10.5.1 Detailed list of key startups/SMEs

11.10.5.2 Competitive benchmarking of key startups/SMEs

11.11 COMPETITIVE SCENARIO

11.11.1 PRODUCT LAUNCHES

11.11.2 DEALS

11.11.3 EXPANSIONS

11.11.4 OTHER DEVELOPMENTS

12 COMPANY PROFILES

12.1 KEY PLAYERS

12.1.1 CF INDUSTRIES HOLDINGS, INC.

- 12.1.1.1 Business overview
- 12.1.1.2 Products/Solutions/Services offered
- 12.1.1.3 Recent developments
 - 12.1.1.3.1 Deals
 - 12.1.1.3.2 Other developments
- 12.1.1.4 MnM view
 - 12.1.1.4.1 Key strengths
 - 12.1.1.4.2 Strategic choices
 - 12.1.1.4.3 Weaknesses and competitive threats

12.1.2 YARA INTERNATIONAL ASA

- 12.1.2.1 Business overview
- 12.1.2.2 Products/Solutions/Services offered
- 12.1.2.3 Recent developments
 - 12.1.2.3.1 Deals
 - 12.1.2.3.2 Expansions
- 12.1.2.4 MnM view
 - 12.1.2.4.1 Key strengths
 - 12.1.2.4.2 Strategic choices
 - 12.1.2.4.3 Weaknesses & competitive threats

12.1.3 SAUDI BASIC INDUSTRIES CORPORATION

- 12.1.3.1 Business overview
- 12.1.3.2 Products/Solutions/Services offered
- 12.1.3.3 Recent developments
 - 12.1.3.3.1 Deals
- 12.1.3.4 MnM view
 - 12.1.3.4.1 Key strengths
 - 12.1.3.4.2 Strategic choices
 - 12.1.3.4.3 Weaknesses & competitive threats

12.1.4 OCI GLOBAL

- 12.1.4.1 Business overview
- 12.1.4.2 Products/Solutions/Services offered
- 12.1.4.3 Recent developments
 - 12.1.4.3.1 Deals
 - 12.1.4.3.2 Expansions
- 12.1.4.4 MnM view

- 12.1.4.4.1 Key strengths
- 12.1.4.4.2 Strategic choices
- 12.1.4.4.3 Weaknesses and competitive threats
- 12.1.5 BASF SE
 - 12.1.5.1 Business overview
 - 12.1.5.2 Products/Solutions/Services offered
 - 12.1.5.3 Recent developments
 - 12.1.5.3.1 Product launches
 - 12.1.5.3.2 Deals
 - 12.1.5.3.3 Other developments
 - 12.1.5.4 MnM view
 - 12.1.5.4.1 Key strengths
 - 12.1.5.4.2 Strategic choices
 - 12.1.5.4.3 Weaknesses and competitive threats
- 12.1.6 NUTRIEN
 - 12.1.6.1 Business overview
 - 12.1.6.2 Products/Solutions/Services offered
 - 12.1.6.3 Recent developments
 - 12.1.6.3.1 Deals
 - 12.1.6.3.2 Expansions
 - 12.1.6.4 MnM view
- 12.1.7 QATAR FERTILISER COMPANY
 - 12.1.7.1 Business overview
 - 12.1.7.2 Products/Solutions/Services offered
 - 12.1.7.3 Recent developments
 - 12.1.7.3.1 Deals
 - 12.1.7.4 MnM view
- 12.1.8 KOCH FERTILIZER, LLC
 - 12.1.8.1 Business overview
 - 12.1.8.2 Products/Solutions/Services offered
 - 12.1.8.3 Recent developments
 - 12.1.8.3.1 Expansions
 - 12.1.8.4 MnM view
- 12.1.9 EUROCHEM GROUP
 - 12.1.9.1 Business overview
 - 12.1.9.2 Products/Solutions/Services offered
 - 12.1.9.3 Recent developments
 - 12.1.9.3.1 Expansions
 - 12.1.9.4 MnM view

12.1.10 CSBP LIMITED

- 12.1.10.1 Business overview
- 12.1.10.2 Products/Solutions/Services offered
- 12.1.10.3 MnM view

12.2 OTHER PLAYERS

- 12.2.1 GROUP DF
- 12.2.2 GUJARAT STATE FERTILIZERS & CHEMICALS LIMITED
- 12.2.3 JSC TOGLIATTIAZOT
- 12.2.4 PT PUPUK SRIWIDJAJA PALEMBANG
- 12.2.5 GULF COAST AMMONIA LLC
- 12.2.6 DEEPAK FERTILISERS AND PETROCHEMICALS CORPORATION LIMITED
- 12.2.7 JAYSONS CHEMICAL INDUSTRIES
- 12.2.8 MYSORE AMMONIA PVT. LTD.
- 12.2.9 STEELMAN GASES PVT. LTD.
- 12.2.10 SUMITOMO CHEMICAL CO., LTD.
- 12.2.11 SURAT AMMONIA AND CHEMICAL COMPANY
- 12.2.12 J.R. SIMPLOT COMPANY
- 12.2.13 ANMOL CHEMICALS PRIVATE LIMITED
- 12.2.14 UBE CORPORATION
- 12.2.15 GRUPA AZOTY S.A.

13 ADJACENT & RELATED MARKET

13.1 INTRODUCTION

13.2 LIMITATIONS

- 13.2.1 REFRIGERANTS MARKET
 - 13.2.1.1 Market definition
 - 13.2.1.2 Refrigerants market, by type
 - 13.2.1.3 Refrigerants market, by application
 - 13.2.1.4 Refrigerants market, by region

14 APPENDIX

14.1 DISCUSSION GUIDE

14.2 KNOWLEDGESTORE: MARKETSDANDMARKETS' SUBSCRIPTION PORTAL

14.3 CUSTOMIZATION OPTIONS

14.4 RELATED REPORTS

14.5 AUTHOR DETAILS

I would like to order

Product name: Ammonia Market by Type (Anhydrous, Aqueous), Sales Channel (Direct and Indirect), End-use Industry (Agriculture, Textile, Refrigeration, Mining, and Pharmaceutical), and Region - Global Forecast to 2029

Product link: <https://marketpublishers.com/r/A47F27EBF133EN.html>

Price: US\$ 4,950.00 (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/A47F27EBF133EN.html>