

Aqua Ammonia Market By Grade (Industrial Grade, Electronic Grade, Pharma Grade, Others), By End-Use Industry (Agriculture, Pharmaceutical, Leather, Pulp and Paper, Rubber, Others): Global Opportunity Analysis and Industry Forecast, 2024-2033

https://marketpublishers.com/r/AFBD9F4FFC81EN.html

Date: May 2024

Pages: 300

Price: US\$ 2,655.00 (Single User License)

ID: AFBD9F4FFC81EN

Abstracts

Aqua Ammonia Market

The aqua ammonia market was valued at \$422.9 million in 2023 and is projected t%li%reach \$511.6 million by 2033, growing at a CAGR of 2% from 2024 t%li%2033.

Aqua ammonia, known by the chemical name "ammonium hydroxide," is an alkaline solution of ammonia gas and water. This solution is a colorless liquid with a pungent odor and is typically utilized in various industrial and household applications. Due t%li%its high pH, aqua ammonia is highly corrosive and causes harm if inhaled or comes in contact with the skin. One of the pivotal properties of aqua ammonia is that it is a weak base and upon reaction with acids, it forms ammonium salts. When dissolved in water, a slightly exothermic reaction takes place. Aqua ammonia serves as fertilizer, cleaning agent, and refrigerant for industrial purposes. It is a common ingredient in household cleaning products due t%li%its high cleaning efficacy which arises from its ability t%li%emulsify fats and oils.

Rise of the water treatment industry is a pivotal driver of the aqua ammonia market. Increase in demand for clean and safe water globally has boosted the requirement of aqua ammonia in treatment plants due t%li%its efficient pH adjustment disinfectant properties. In addition, the implementation of stringent government regulations t%li%regulate the discharge of poisonous wastewater from industries is upsurging the demand for aqua ammonia. Currently, the exploration of "green ammonia" is trending



in the market. Research is being conducted t%li%test aqua ammonia as the major fuel alternative in energy storage systems. This green ammonia is expected t%li%make a substantial contribution in decarbonization by catering t%li%approximately 60% of the fuel demands.

However, the growth of the aqua ammonia market is restrained by certain factors. The volatility in the prices of raw materials required in the manufacturing process brings instability t%li%the market. Furthermore, the handling and usage of the solution are subject t%li%various stringent regulations, hence preventing its widespread adoption. The Occupational Safety and Health Administration has fixed the exposure limit for ammonia at 50 parts per million for the workers, over an eight-hour workday.

Segment Review

The aqua ammonia market is segmented int%li%grade, end-use industry, and region. On the basis of grade, the market is divided int%li%industrial grade, electronic grade, pharma grade, and others. By end-use industry, it is classified int%li%agriculture, pharmaceutical, leather, pulp & paper, rubber, and others. Region wise, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Key Findings

On the basis of grade, the industrial grade segment held the highest market share in 2023.

By end-use industry, the agriculture segment was the highest shareholder in 2023.

Region wise, Asia-Pacific was the largest revenue generator in 2023.

Competition Analysis

The major players operating in the global aqua ammonia market are Yara, CF Industries, Uralchem, PotashCorp, EuroChem Group, Shandong Everlast AC Chemical Co.,Ltd, Malanadu Ammonia Pvt. Ltd., KMG Chemicals, Inc., First Chemical Industries., and Thatcher Company. These players have adopted various key developmental strategies such as business expansion, new product launches, and partnerships t%li%strengthen their foothold in the market.

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Analysis of raw material in a product (by %)

Manufacturing Capacity

Investment Opportunities

Product Benchmarking / Product specification and applications

Supply Chain Analysis & Vendor Margins



Upcoming/New Entrant by Regions

Technology Trend Analysis

Consumer Preference and Product Specifications

G%li%T%li%Market Strategy

Market share analysis of players by products/segments

New Product Development/ Product Matrix of Key Players

Regulatory Guidelines

Strategic Recommendations

Additional company profiles with specific t%li%client's interest

Additional country or region analysis- market size and forecast

Average Selling Price Analysis / Price Point Analysis

Expanded list for Company Profiles

Historic market data

Import Export Analysis/Data

Key player details (including location, contact details, supplier/vendor network etc. in excel format)

List of customers/consumers/raw material suppliers- value chain analysis

Market share analysis of players at global/region/country level

Product Consumption Analysis

SWOT Analysis



Volume Market Size and Forecast

Key Market Segments			
By Grade			
	Industrial Grade		
	Electronic Grade		
	Pharma Grade		
	Others		
By End-Use Industry			
	Agriculture		
	Pharmaceutical		
	Leather		
	Pulp and Paper		
	Rubber		
	Others		
By Region			
	North America		
	U.S.		
	Canada		
By G	Industrial Grade Electronic Grade Pharma Grade Others By End-Use Industry Agriculture Pharmaceutical Leather Pulp and Paper Rubber Others By Region North America U.S.		



Mexico
Europe
France
Germany
Italy
Spain
UK
Rest of Europe
Asia-Pacific
China
Japan
India
South Korea
Australia
Rest of Asia-Pacific
LAMEA
Brazil
South Africa
Saudi Arabia
Rest of LAMEA



Key Market Players		
CF Industries		
Uralchem		
PotashCorp		
EuroChem Group		
Shandong Everlast AC Chemical Co.,Ltd		
Malanadu Ammonia Pvt. Ltd.		
KMG Chemicals, Inc.		
First Chemical Industries.		
Thatcher Company		
Yara International ASA		



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