

Ammonia Solution (CAS 7664-41-7) Market Research Report 2026

<https://marketpublishers.com/r/AB0D680404DEN.html>

Date: June 2026

Pages: 50

Price: US\$ 2,200.00 (Single User License)

ID: AB0D680404DEN

Abstracts

Ammonia Solution (CAS 7664-41-7) Market Research Report 2026 presents comprehensive data on Ammonia Solution markets globally and regionally (Europe, Asia, North America etc.)

The report includes Ammonia Solution description, covers its application areas and related patterns. It overviews Ammonia Solution market, names Ammonia Solution producers and indicates its suppliers.

Besides, the report provides Ammonia Solution prices in regional markets.

In addition to the above the report determines Ammonia Solution consumers in the market.

BAC Reports offers its clients in-depth market research of chemical industry products on the global and regional markets (North & Latin America, Asia Pacific, European Union, Russia and CIS).

We can analyze the following elements for each chemical product in any country or region:

capacities and production

consumption volume and structure

market price trends

exports and imports

existing technologies

feedstock market condition

market news digest

market forecast.

Ammonia Solution (CAS 7664-41-7) Market Research Report 2026 can feature:

market condition and estimations, market forecast

chemical product ranges, trademarks, analogous products, application areas

regional and global producers, consumers and traders (including contact details).

Contents

1. AMMONIA SOLUTION (CAS 7664-41-7)

- 1.1. General information, synonyms
- 1.2. Composition, chemical structure
- 1.3. Safety information
- 1.4. Hazards identification
- 1.5. Handling and storage
- 1.6. Toxicological & ecological information
- 1.7. Transport information

2. AMMONIA SOLUTION APPLICATIONS

- 2.1. Ammonia Solution application spheres, downstream products

3. AMMONIA SOLUTION MANUFACTURING METHODS

4. AMMONIA SOLUTION PATENTS

- Abstract
- Description
- Summary of the invention
- Detailed description of the invention

5. AMMONIA SOLUTION MARKET WORLDWIDE

- 5.1. General Ammonia Solution market situation, trends
- 5.2. Manufacturers of Ammonia Solution
 - Europe
 - Asia
 - North America
 - Other regions
- 5.3. Ammonia Solution suppliers (importers, local distributors)
 - Europe
 - Asia
 - North America
 - Other regions

5.4. Ammonia Solution market forecast

6. AMMONIA SOLUTION MARKET PRICES

6.1. Ammonia Solution prices in Europe

6.2. Ammonia Solution prices in Asia

6.3. Ammonia Solution prices in North America

6.4. Ammonia Solution prices in other regions

7. AMMONIA SOLUTION END-USE SECTOR

7.1. Ammonia Solution market by application sphere

7.2. Ammonia Solution downstream markets trends and prospects

*Please note that Ammonia Solution (CAS 7664-41-7) Market Research Report 2026 is a half ready publication and contents are subject to change. It only requires updating with the help of new data that are constantly retrieved from Publisher's databases and other sources. This updating process takes 5-7 business days after order is placed. Thus, our clients always obtain a revised and updated version of each report. Please also note that we do not charge for such an updating procedure. BAC Reports has information for more than 25,000 different chemicals available but it is impossible to have all reports updated immediately. That is why it takes 5-7 days to update a report after an order is received.

About

Product Name: Ammonia Solution

Synonyms:

IMO Gas Code

Azane

AMMONIA ANHYDROUS

Ammonia,liquid

Ammonia hydrate

Liquid ammonia

Ammonia

Liquid Anhydrous Ammonia

Ammonia, anhydrous

CAS#:

7664-41-7

8007-57-6

Formula: H_3N

Molecular Weight: 17.03

Appearance: Colorless gas with a pungent odor.

Usage: Manufacture nitric acid, explosives, synthetic fibers, fertilizers, in refrigeration & chemical industry.

Liquid anhydrous ammonia refers to a compound of nitrogen and hydrogen with the molecular formula H_3N . Liquid anhydrous ammonia is a colorless liquid with a pungent, suffocating smell. Its boiling point is $33.34\text{ }^{\circ}\text{C}$. The product dissolves in water, alcohol, acetone, chloroform, benzene, and in other organic solvents. Liquid anhydrous

ammonia is corrosive to copper, zinc, etc. and their alloys. Entering into a reaction with acids, liquid anhydrous ammonia produces ammonium salts.

Liquid anhydrous ammonia is a building-block for the synthesis of many pharmaceuticals. The product is used in manufacturing of commercial cleaning products and detergents. Liquid ammonia is utilized in the processing of chemical fertilizers, medicines and pesticides. The product is used as refrigerant, agricultural fertilizer. Furthermore, liquid ammonia is utilized in the mercerized finishing of textiles, in water treatment, in neutralizing the acid constituents. Besides, the product is used as a source of protein in livestock feeds and as the developing agent in photochemical processes. The product also neutralizes sulfur oxides from combustion of sulfur-containing fuels.

Liquid anhydrous ammonia is highly caustic and hazardous. It may cause severe skin and eyes burns, permanent eye damage, corrosive burns, frostbites. Moreover, it causes severe burns of nose, throat, respiratory tract. Bronchospasm, pulmonary edema or respiratory arrest are amid potential health effects of liquid anhydrous ammonia, too.

Liquid anhydrous ammonia market is covered in the study Liquid Anhydrous Ammonia (CAS 7664-41-7) Market Research Report 2013. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks liquid anhydrous ammonia market situation, names manufacturers, suppliers as well as users. The report also provides current liquid anhydrous ammonia prices in the market.

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