

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

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## Abstracts

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

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

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

In addition to the above the report determines Ammonia hydrate 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 hydrate (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).

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\*Please note that Ammonia hydrate (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 hydrate
Synonyms:	IMO Gas Code
	Azane
	Ammonia Solution
	AMMONIA ANHYDROUS
	Ammonia,liquid
	Liquid ammonia
	Ammonia
	Liquid Anhydrous Ammonia
	Ammonia, anhydrous
CAS#:	7664-41-7
	8007-57-6
Formula:	H <sub>3</sub> N
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<sub>3</sub>N. Liquid anhydrous ammonia is a colorless liquid with a pungent, suffocating smell. Its boiling point is 33.34 °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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