

Ammonium sulfide solution (CAS 12135-76-1) Market Research Report 2025

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Abstracts

Ammonium sulfide solution (CAS 12135-76-1) Market Research Report 2025 presents comprehensive data on Ammonium sulfide markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides Ammonium sulfide prices in regional markets.

In addition to the above the report determines Ammonium sulfide 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).

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capacities and production

consumption volume and structure

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existing technologies

feedstock market condition

market news digest

market forecast.

Ammonium sulfide solution (CAS 12135-76-1) Market Research Report 2025 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 Ammonium sulfide solution (CAS 12135-76-1) Market Research Report 2025 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:	Ammonium sulfide
Synonyms:	Ammonium bisulfide
	Ammonium monosulfide
	Ammonium sulfhydrate
	Ammonium sulfide

CAS#:	12135-76-1
Formula:	$\text{H}_8\text{N}_2\text{S}$
Molecular Weight:	68.14

Ammonium sulfide (also called diammonium sulfide, ammonium monosulfide, true ammonium sulfide) is a yellow crystalline solid, usually in a water solution, with the molecular formula $\text{H}_8\text{N}_2\text{S}$. It has a very strong rotten egg and ammonia odor. Ammonium sulphide is produced from the reaction of hydrogen sulfide with excess amounts of ammonia.

Ammonium sulfide is used in photographic developing, to apply patina to bronze, in textile manufacturing, and in trace metal analysis. Also, owing to its offensive smell, it is the active ingredient in a variety of foul pranks including the common stink bomb.

Additional applications of this compound include cell culture, organic chemical synthesis, and immunohistochemistry.

Aqueous ammonium sulfide is used for the thiolysis of activated amides to their corresponding thioamides, as an alternative to hydrogen sulfide. Also it is used to produce various flavor compounds from the reaction of ammonium sulfide with 3-hydroxy-2-butanone.

Ammonium sulfide can be utilized in a double staining technique for visualization of astrocytes and microglia from brain sections and astroglial cell cultures.

No component of this product that is present at levels greater than or equal to 0.1% is

identified as probable, possible or confirmed human carcinogen by IARC.

Ammonium sulfide solution market is covered in the study Ammonium sulfide solution (CAS 12135-76-1) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks ammonium sulfide solution market situation, names manufacturers, suppliers as well as users. The report also provides current ammonium sulfide solution prices in the market.

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