

Aminosulfonic Acid (Sulfamic acid) (CAS 5329-14-6) Market Research Report 2025

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Abstracts

Aminosulfonic Acid (Sulfamic acid) (CAS 5329-14-6) Market Research Report 2025 presents comprehensive data on Aminosulfonic Acid (Sulfamic acid) markets globally and regionally (Europe, Asia, North America etc.)

The report includes Aminosulfonic Acid (Sulfamic acid) description, covers its application areas and related patterns. It overviews Aminosulfonic Acid (Sulfamic acid) market, names Aminosulfonic Acid (Sulfamic acid) producers and indicates its suppliers.

Besides, the report provides Aminosulfonic Acid (Sulfamic acid) prices in regional markets.

In addition to the above the report determines Aminosulfonic Acid (Sulfamic acid) 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

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market forecast.

Aminosulfonic Acid (Sulfamic acid) (CAS 5329-14-6) 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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About

Product Name: Aminosulfonic Acid (Sulfamic acid)

Synonyms:

Alprojet W

Amidosulfonic acid

Amidosulfuric acid

Jumbo

Scale Clean

Sulphamidic acid

Sulfamidic acid

Sulfamic Acid

Sulfamic acid, monopotassium salt

Aminosulfonic acid

Aminosulfuric acid

Sulfamic acid

CAS#: 5329-14-6

Formula: $\text{H}_3\text{NO}_3\text{S}$

Molecular Weight: 97.09

Appearance: A white crystalline solid.

Usage: As standard in alkalimetry, in acid cleaning, in nitrite removal, in chlorine stabilization for use in swimming pools, cooling towers, paper mills.

Sulfamic acid (amidosulfonic acid, amidosulfuric acid, aminosulfonic acid, sulfamidic

acid) is a dry, odorless, white, non-hygroscopic crystalline solid with the formula H_3NSO_3 , melting at 305°C and stable up to 260°C . The acid is soluble in water to the extent of 24.2 g. per 100 g. of water at 25°C . It is soluble in form-amide, slightly soluble in ether, acetone, methanol, and concentrated sulfuric acid. Sulfamic acid is slowly hydrolyzed in aqueous solution to ammonium acid sulfate. It is generally made by the reaction of sulfuric acid, sulfur trioxide, and urea.

Due to advantages such as handling ease, solubility and low corrosiveness, sulfamic acid is used for many diversified application areas.

Thus, sulfamic acid is extensively used in the synthesis of sweet-tasting compounds; as a curing agent in the plastics industry; in saphating, sulphonation and sulphamating reactions; as a catalyst in esterification process. Known for its optimum pH and chemical stability, the acid is used for the removal of excess of nitrites in a diazotization reaction in dyestuff and pigment production.

Further, sulphamic acid is super efficient descaling agent and is used for cleaning a variety of industrial equipment and domestic appliances.

Sulfamic acid is also used in the design of many types of therapeutic agents like antibiotics, nucleoside/nucleotide human immunodeficiency virus (HIV) reverse transcriptase inhibitors, HIV protease inhibitors (PIs), anti-cancer drugs, anti-epileptic drugs, and weight loss drugs.

Sulfamic acid market is covered in the study Sulfamic Acid (CAS 5329-14-6) Market Research Report 2012. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks sulfamic acid market situation, names manufacturers, suppliers as well as users. The report also provides current sulfamic acid prices in the market.

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