

Fluorosilicic Acid (CAS 16961-83-4) Market Research Report 2025

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Abstracts

Fluorosilicic Acid (CAS 16961-83-4) Market Research Report 2025 presents comprehensive data on Fluorosilicic Acid markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides Fluorosilicic Acid prices in regional markets.

In addition to the above the report determines Fluorosilicic 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

consumption volume and structure

market price trends

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existing technologies

feedstock market condition

market news digest

market forecast.

Fluorosilicic Acid (CAS 16961-83-4) 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 Fluorosilicic Acid (CAS 16961-83-4) 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:	Fluorosilicic Acid
Synonyms:	HydroFluosilicic Acid
	Fluorosilicic acid
	Fluosilicic acid
	Hexafluorosilicic acid
	Hexafluosilicic acid
	Hydrofluosilicic acid
	Hydrogen hexafluorosilicate
	Hydrosilicofluoric acid
	Silicofluoric acid

CAS#:	16961-83-4
Formula:	F_6H_2Si
Molecular Weight:	144.09

Fluorosilicic acid (dihydrogen, silicate(2-), hexafluoro-, dihydrogen hexafluorosilicate) is an inorganic compound with the molecular formula F_6H_2Si and molecular weight 144.09. The compound exists as a colorless liquid with a penetrating pungent odor. Commercially the product is available as aqueous solutions in C.P. and technical grades. The boiling point of fluorosilicic acid is 108-109°C. The compound is produced by the reaction between hydrogen fluoride (HF) with silicon compounds. Also, fluorosilicic acid is processed as a co-product of phosphoric acid manufacturing.

The product is widely utilized as a source of fluoride for water fluoridation. Moreover, fluorosilicic acid is used for the production of aluminium metal and cryolite, hydrogen fluoride. The acid can be found in ceramics and glass, in technical paints, in oil well acidizing. Fluorosilicic acid has its application in the sterilization of equipment, in the

tanning of animal hides and skins. Besides, the product is employed to preserve wood and harden masonry as an impregnating ingredient.

Fluorosilicic acid produces eye burns, corneal damage and chemical conjunctivitis. Exposure to skin leads to burns, skin rash or clammy skin. Ingestion of the acid may result in the damage of the digestive tract and burns of the gastrointestinal tract. Fever, nausea, labored breathing, vomiting, intense thirst, convulsions are amid other symptoms caused by the ingestion of fluorosilicic acid. Aspiration of the product can cause pulmonary edema. Repeated ingestion and inhalation of fluorosilicic acid may cause serious chronic fluoride poisoning.

Fluorosilicic acid market is covered in the study Fluorosilicic Acid (CAS 16961-83-4) Market Research Report 2025. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks fluorosilicic acid market situation, names manufacturers, suppliers as well as users. The report also provides current fluorosilicic acid prices in the market.

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