

# Sulfathiazole (CAS 2551-62-4) Market Research Report 2025

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## Abstracts

Sulfathiazole (CAS 2551-62-4) Market Research Report 2025 presents comprehensive data on Sulfathiazole markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides Sulfathiazole prices in regional markets.

In addition to the above the report determines Sulfathiazole 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.

Sulfathiazole (CAS 2551-62-4) 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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## About

Product Name: Sulfathiazole

Synonyms:

Elegas

Sulfur fluoride

Sulfur sexafluoride

Sulfur hexafluoride

SULPHUR HEXAFLUORIDE

CAS#: 2551-62-4

Formula:  $F_6S$

Molecular Weight: 146.06

Appearance: A colorless odorless gas.

Usage: In electrical circuit interrupters, in electronic ultra-high frequency piping.

Sulfur hexafluoride (Elegas, Sulfur fluoride, SonoVue) refers to an inorganic, non-flammable greenhouse gas with the molecular formula  $F_6S$ . Sulfur hexafluoride is a colorless, odorless and tasteless gas with the molecular weight 146.05. The boiling point of sulfur hexafluoride is  $-63.8\text{ }^{\circ}\text{C}$ . The product is very slightly soluble in water, but dissolves in ethanol, ether and alcohol. Sulfur hexafluoride can be prepared from the elements through exposure of  $S_8$  to  $F_2$ . Sulfur hexafluoride can also be manufactured by direct fluorination of sulfur or sulfur dioxide, by combining sulfur vapor and pure elemental fluorine.

Sulfur hexafluoride is utilized in electromechanical equipment; in the microwave and radar equipment; for insulation of nuclear particle accelerators and X-ray equipment; for thermoacoustic insulation of windows; for meteorology and medical uses related to its inertness. Furthermore, the product is used for treatment with plasma containing  $SF_6$  for etching silicon or for increasing the water repellency of a wet strength of kraft paper; for protection of molten magnesium in the magnesium industry. Moreover, sulfur hexafluoride is utilized in experiments to test infiltration rates, and ventilation efficiency.

The product causes eye and respiratory tract irritation. Prolonged exposure can cause frostbite injuries. Air hunger and cyanosis are also amid potential side effects of sulfur hexafluoride.

Sulfur hexafluoride market is covered in the study Sulfur hexafluoride (CAS 2551-62-4) Market Research Report 2013. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks sulfur hexafluoride market situation, names manufacturers, suppliers as well as users. The report also provides current sulfur hexafluoride prices in the market.

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