

# Aluminium Fluoride (CAS 7784-18-1) Market Research Report 2025

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## Abstracts

Aluminium Fluoride (CAS 7784-18-1) Market Research Report 2025 presents comprehensive data on Aluminium Fluoride markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides Aluminium Fluoride prices in regional markets.

In addition to the above the report determines Aluminium Fluoride 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.

Aluminium Fluoride (CAS 7784-18-1) 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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## About

Product Name: Aluminium Fluoride

Synonyms:

- Aluminum trifluoride
- Trifluoroalumane
- Aluminium fluoride Anhydratre
- ALUMINUM FLUORIDE
- Aluminium Fluoride (Dry process)
- Aluminum fluoride

CAS#:

- 7784-18-1
- 15098-87-0
- 32287-65-3

Formula:  $\text{AlF}_3$

Molecular Weight: 83.98

Appearance: Odorless white powder or granules..

Usage: In ceramics, as flux in metallurgy, in aluminum mfr, inhibitor of fermentation, catalyst in organic reactions.

Aluminium fluoride (aluminum trifluoride) is an inorganic compound with the molecular weight 83.97 and molecular formula  $\text{AlF}_3$ . Aluminium fluoride exists as an off-white, odorless solid with the boiling point 1291°C. The compound is produced synthetically but also it occurs naturally. Aluminium fluoride is insoluble in most inorganic and organic liquids at room temperature, however, soluble in a raft of fused salts.

Aluminium fluoride is used in the production of aluminium as an important additive. Aluminium fluoride together with zirconium fluoride also has application in the manufacture of fluoroaluminate glasses. Furthermore, the compound is used to inhibit

fermentation.

The compound causes irritation of eyes, skin, the respiratory tract. Salivation, abdominal pain, nausea, vomiting, labored breathing, fever, diarrhea are the side effects caused by the swallowed aluminium fluoride. Chronic inhalation or ingestion may result in poisoning characterized by brittle bones, weight loss, anemia, stiff joint, weakness.

Aluminum fluoride market is covered in the study Aluminium Fluoride (CAS 7784-18-1) Market Research Report 2013. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks aluminum fluoride market situation, names manufacturers, suppliers as well as users. The report also provides current aluminum fluoride prices in the market.

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