

Ammonium Vanadate (V) (CAS 7803-55-6) Market Research Report 2025

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Abstracts

Ammonium Vanadate (V) (CAS 7803-55-6) Market Research Report 2025 presents comprehensive data on Ammonium vanadate (V) markets globally and regionally (Europe, Asia, North America etc.)

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

Besides, the report provides Ammonium vanadate (V) prices in regional markets.

In addition to the above the report determines Ammonium vanadate (V) 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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Ammonium Vanadate (V) (CAS 7803-55-6) 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: Ammonium vanadate (V)

Synonyms:

AMMONIUM META-VANADATE

Ammonium metavanadate

Ammonium vanadate

CAS#: 7803-55-6

Formula: $\text{H}_4\text{NO}_3\text{V}$

Molecular Weight: 116.98

Ammonium vanadate (V), also known as ammonium metavanadate, ammonium vanadium trioxide, vanadic acid, ammonium vanadate (VAN), etc. belongs to the family of vanadates. The product exists as a slightly yellow crystalline solid that is insoluble in ether, alcohol, NH_4Cl , but soluble in diethanolamine. The molecular formula of ammonium vanadate (V) is $\text{H}_4\text{NO}_3\text{V}$, and the molecular weight of the product is 116.97. Ammonium vanadate (V) can be processed industrially from vanadite mineral or by precipitating an alkaline solution of V_2O_5 with ammonium chloride.

The product is highly toxic if swallowed and inhaled. Ammonium vanadate (V) can cause irritation of eyes and skin. In some individuals, the product may produce inflammation of the skin. Ingestion of ammonium vanadate (V) leads to toxic effects. Severe diarrhea, breathing difficulties, convulsions and even death are amid the consequences of the vanadium poisoning. Malfunction of liver and kidneys, weakening of facial muscles, tremor, etc. are other side effects of the product. Inhalation of ammonium vanadate (V) dust causes respiratory irritation, cough, blackening of the tongue, nausea, sleep difficulties, anemia, headaches, etc.

Ammonium vanadate (V) is widely used as an efficient and inexpensive catalyst in chemical reactions, and in the manufacture of catalysts for colors and paints production. Besides, ammonium vanadate (V) acts as a reagent in the analytical chemistry. The product is used in the process of the dyeing and printing on woolens, in hematoxylin staining in microscopy, in the production of vanadium black.

Ammonium vanadate (V) market is covered in the study Ammonium vanadate (V) (CAS

7803-55-6) 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 vanadate (V) market situation, names manufacturers, suppliers as well as users. The report also provides current ammonium vanadate (V) prices in the market.

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