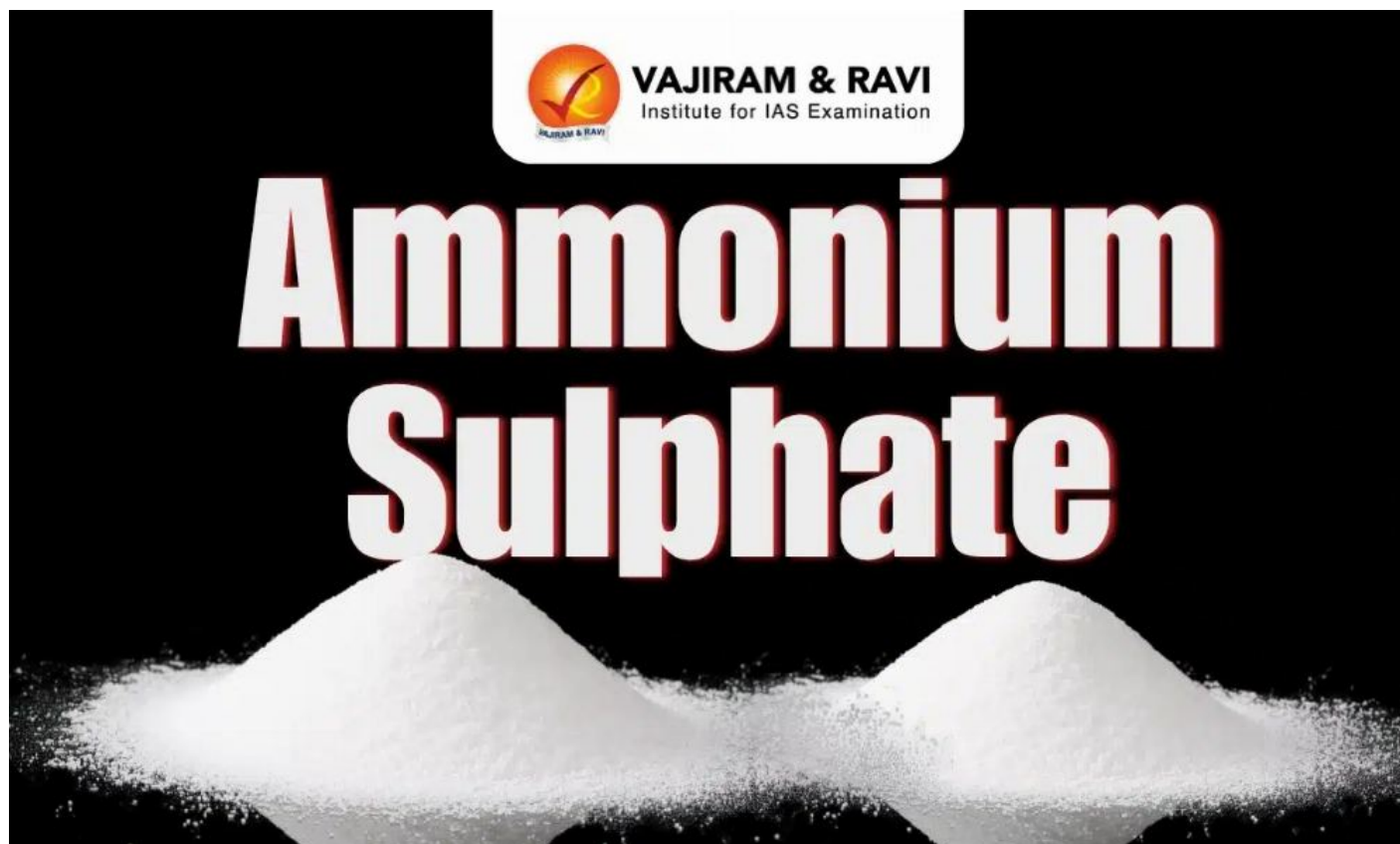


Ammonium Sulphate

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Ammonium Sulphate Latest News

Recently, the Indian Council for Agricultural Research (ICAR) suggested ammonium sulphate be used for paddy as an affordable option.

About Ammonium Sulphate

It is an **inorganic sulfate** salt obtained by reaction of **sulfuric acid** with two equivalents of ammonia.

Properties of Ammonium Sulphate

- It is a white odorless solid and has a **high-melting point**.
- It is very **soluble in water**.
- It is widely used as a **fertilizer for alkaline soils**.
- Ammonium Sulphate contains **21% nitrogen and 24% sulphur**, making it an excellent source of essential nutrients for plants.

- Ammonium sulfate is available as a byproduct from the steel industry (recovered from coke oven gas) and from some metallurgical and chemical processes.

Applications of Ammonium Sulphate

- **Agriculture and Fertilizers:** It is used in the agricultural region as a **nitrogen fertilizer**.
- **Water Treatment:** The water treatment industry is some other significant region where ammonium sulphate is appreciably used.
- **Food Industry Additive:** It is used as a **food additive** and dough conditioner.
- **Pharmaceutical Industry:** Ammonium sulphate also unearths programs in the pharmaceutical enterprise
- **Textile and Leather Processing:** The textile enterprise is any other vicinity wherein ammonium sulphate is hired, mainly in dyeing and printing tactics.

Source: **NIE**

Source: <https://vajiramandravi.com/current-affairs/ammonium-sulphate/>

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