

# Production of Aluminium Fluoride

## Description:

Aluminium fluoride ( $\text{AlF}_3$ ) is an inorganic compound used primarily in the production of aluminium. This colorless solid can be prepared synthetically but also occurs in nature as minerals rosenbergite and oskarssonite.

Aluminium fluoride is the chemical compound with the formula  $\text{AlF}_3$ . It has the consistency of a white powder.  $\text{AlF}_3$  is refractory, in strong contrast to the other halides of aluminium. Adding aluminium fluoride to the production process of primary aluminium lowers the consumption of electricity required in the smelting process and thereby considerably contributes to the reduction of production costs of aluminium. Aluminium producers (smelters) are the main users of aluminium fluoride.

Aluminium fluoride is used in many industrial processes. It is one of the minor constituents added to the electrolytic cells during the production of metallic aluminium. Aluminium fluoride is used in turning alumina into aluminium.

**For more details download PDF File**

**Keywords:** Manufacture of Aluminium Fluoride, Aluminium Fluoride Manufacturing Plant, Aluminium Fluoride Production, Aluminium Fluoride Manufacturing Process, Production of Aluminium Fluoride, Aluminium Fluoride Production Process, Manufacturing of Aluminium Fluoride, Aluminium Fluoride Manufacture in India, Aluminium Fluoride Manufacturing Unit, Production Plant of Aluminium Fluoride, Aluminium Fluoride Manufacturing Business, Production Process of Aluminium Fluoride, Manufacturing Plants of Aluminium Flu

**Created At:** 16 Oct, 2017