



Aluminium Sulfate

Aluminium sulfate is a salt with the formula $Al_2(SO_4)_3$. It is soluble in water and is mainly used as a coagulating agent in the purification of drinking water and wastewater treatment plants, and also in paper manufacturing



SOME OF THE MAIN USES:

- USED IN WATER TREATMENT AS A DISINFECTANT
- USED IN THE PRODUCTION OF PAPER AND PAPER PRODUCTS
- USED IN THE PRODUCTION OF PLASTICS
- USED IN THE PRODUCTION OF CLEANING PRODUCTS
- USED IN THE PRODUCTION OF PHARMACEUTICALS
- USED IN THE PRODUCTION OF DYES AND PIGMENTS
- USED IN THE PRODUCTION OF TEXTILES
- USED IN THE PRODUCTION OF SOLVENTS
- USED IN THE PRODUCTION OF PESTICIDES
- USED IN THE PRODUCTION OF SYNTHETIC RUBBER

Chemical formula	$Al_2(SO_4)_3$
boiling point	770 °C (dec.) (lit.)
Melting point	770 °C (decomposes, anhydrous) 86.5 °C (octadecahydrate)
Molar mass	342.15 g/mol (anhydrous) 666.44 g/mol (octadecahydrate)
density	2.672 g/cm³ (anhydrous) 1.62 g/cm³ (octadecahydrate)
Appearance	white crystalline solid hygroscopic

