

**g african
industries**
Serving Nigeria since 1971



**g african
hydro agric
chemicals**

We strive to offer high quality sustainable chemical products to cater to diverse customer needs, while promoting best-in-class business practices.



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Committed to World Class Quality





African Industries Group (AIG) is a diversified, industrial conglomerate headquartered in Lagos, Nigeria

It has evolved into the largest steel manufacturing company in Nigeria, a diversified exporter and, a producer of renewable energy. Through its continual investment in Nigeria, the group contributes to the overall industrial development. The Group's investment and expansion in manufacturing with the latest functional technology provides direct and ancillary employment to thousands of Nigerians.

The Group manufactures various steel products like, Hot Rolled Steel Angels, Channels, Beams, Rebars, Flat Bars, Z \$ C Purlins. It is also into manufacturing of plywood, Hollow Blocks & Paving stones, Glass and Chemicals to name a few. The group provides stable and reliable Power by generation and distribution of Power.

About The Group

50+

Years of
Operations

35+

Manufacturing
Plants in Nigeria

2.1

Billion Dollars
of investments in
last 20 years

11

Business
Verticals

10000+

Employees



AFRICAN HYDRO AGRIC CHEMICALS (AHACL)

stands as a leading supplier and manufacturer of sustainable chemical products in the West African region, renowned for its commitment to quality and environmental responsibility. The company's product portfolio includes Sulphuric Acid and Non-ferric Aluminium Sulphate (Alum), both of which are produced in state-of-the-art, integrated facilities. AHACL's dedication to innovation and sustainability ensures that its chemical solutions meet the highest standards, providing reliable and efficient options for various industrial applications.

Through its advanced production capabilities, AHACL caters to the diverse needs of industries. The company's strategic focus on delivering high-quality, sustainable products has established it as a trusted partner for businesses seeking dependable chemical solutions. AHACL continues to strengthen its position in the market by upholding its core values of quality, sustainability, and customer satisfaction

NON-FERRIC ALUMINIUM SULPHATE

“**#1 in Nigeria for Non-Ferric Aluminium Sulphate (Alum)**”

Non-ferric aluminium sulphate, often referred to as “Non-Ferric Alum” is a versatile compound with numerous industrial applications due to its properties as a coagulating agent.

Our high-quality product has minimum 17% alumina content with insoluble lesser than 0.5%, ensuring superior results.

Our plant operates using Zero Liquid Discharge (ZLD) process to support sustainability

24K
metric tons
per year

17%
min. alumina
content

Chemical Information

Product IUPAC Name:
Aluminium sulphate

Synonyms:
Alum; Aluminium sulfate; Filter alum; Dialuminum trisulphate; Dialuminum sulphate

Molecular Formula:
 $Al_2(SO_4)_3 \cdot 14H_2O$

Appearance:
White crystalline solid or powder

Molecular Weight:
594.4 g/mol

CAS Number:
16828-12-9

Grades:
1. Kibble (12-80mm)
2. Granular (0.5 to 8mm)
3. Powder (100 mesh)

Application Areas



Water treatment:
It is used as a coagulant in water treatment. It causes microscopic impurities to clump together and settle out of water



Paper manufacturing:
It is used in the manufacturing process of paper. It helps to improve its resistance to water and ink penetration



Textile:
It serves as a mordant in dyeing process, helping fabrics absorb dyes more effectively

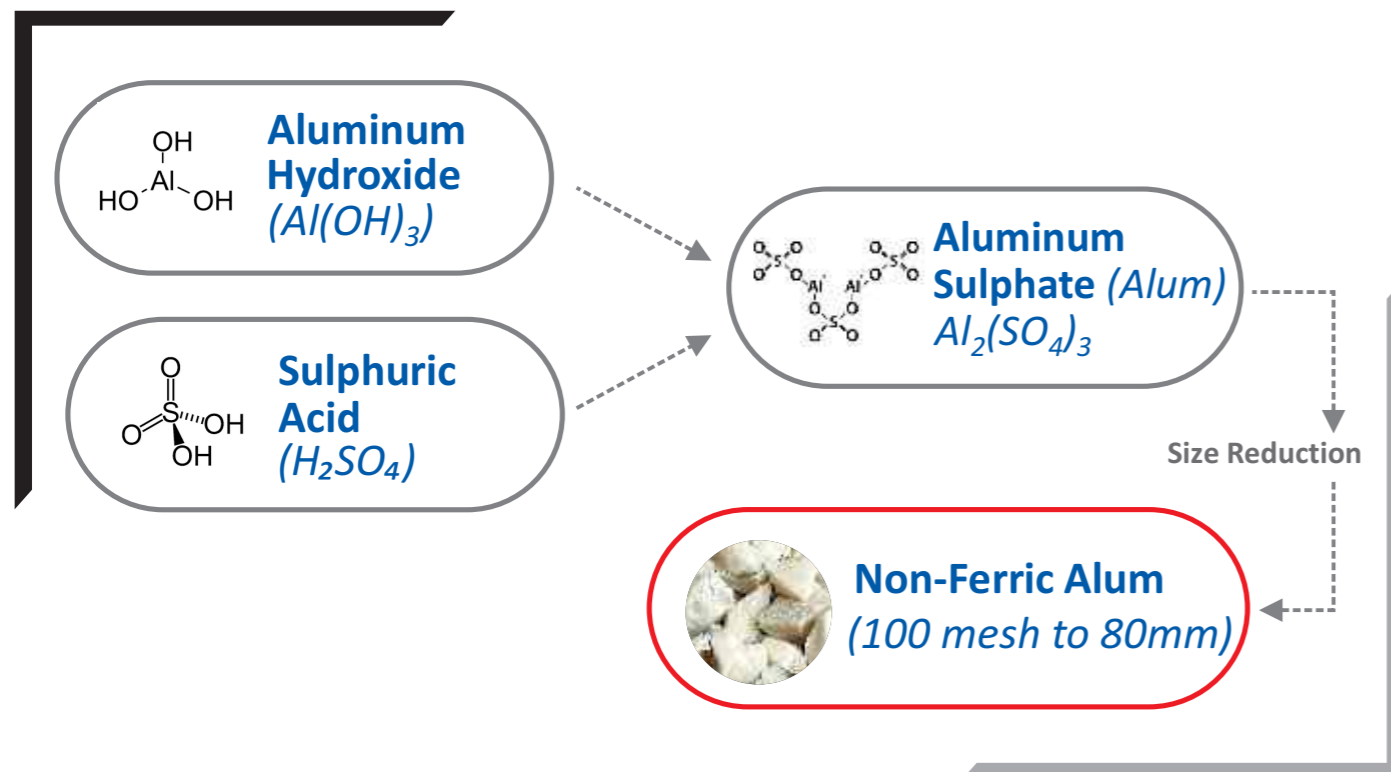


Firefighting foam
It is an ingredient in some types of firefighting foam



Pharmaceuticals:
It is used in the production of some medicines for its astringent properties

Manufacturing Overview



SULPHURIC ACID

“
#1 in Nigeria for Sulphuric Acid
 ”

Sulfuric acid is a fundamental industrial chemical with extensive applications across various sectors. We use double conversion and double absorption (DCDA) process, to achieve 99.9% conversion.

Our plant operation is a closed loop process to eliminate any potential environmental hazard as well as contamination.

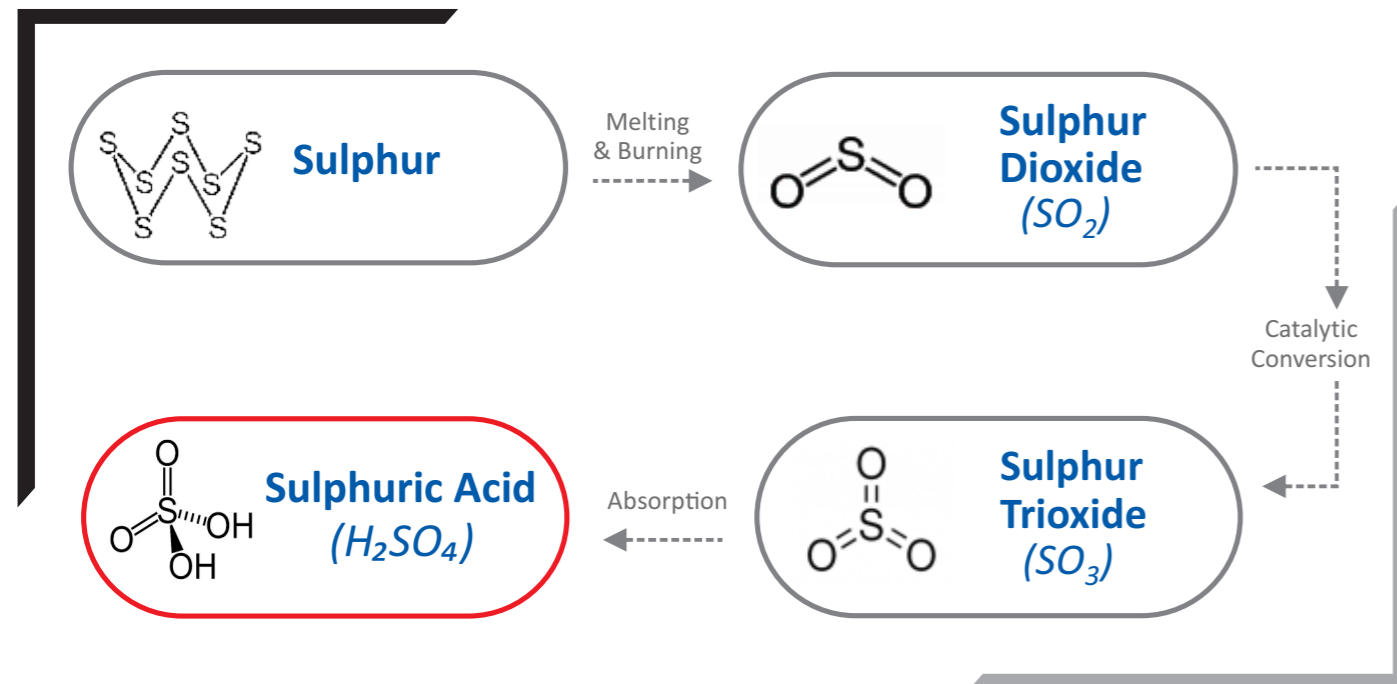
Our sulfuric acid is supplied with packaging option to increase delivery flexibility for customers in every industry.

1. Keg / Jerry Can
2. Bulk tanker

40K
 metric tons
 per year

99.9%
 conversion
 efficiency

Manufacturing Overview



Chemical Information

Product IUPAC Name:
Sulphuric acid

Synonyms:
Sulfuric acid; Hydrogen sulphate;
Oil of vitriol;

Molecular Formula:
H₂SO₄


Appearance:
Clear, colourless to slightly
yellow viscous liquid

Molecular Weight:
98.079 g/mol


CAS Number:
7664-93-9

Grades:
1. Battery grade
2. Industrial grade

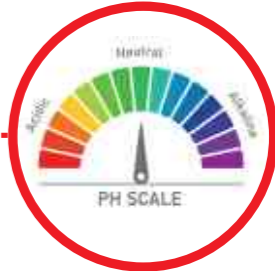
Application Areas




Fertilizer production:
It is used to make phosphatic fertilizers




Metal processing and Mining:
It is used as a leaching agent for processing of metals like copper, zinc, uranium, gold and nickel. It is also used in the pickling of steel




pH adjustment:
It is used to adjust the pH level.



Batteries:
It is used in the production of lead-acid batteries.



Petroleum refining:
It is used as a catalyst in the refining of crude oil.



Manufacturing of chemicals:
It is used in the manufacturing process of phosphoric acid, hydrochloric acid, nitric acid, and many other chemicals.



Glimpse of

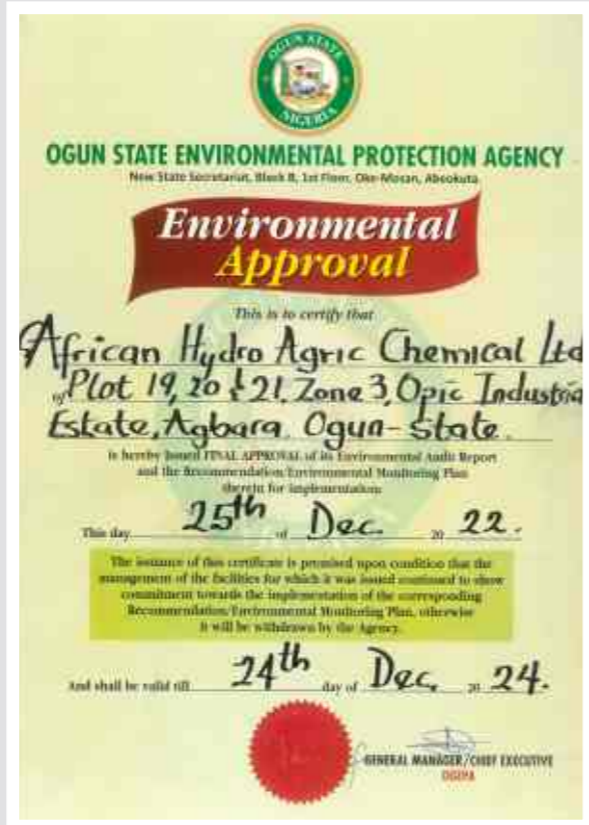
African Hydro Agric Chemicals



ACID STORAGE TANK C
CAPACITY - 1000 MT



Certification



Our Clients



Contact

AFRICAN HYDRO AGRIC
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