



## **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)

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:**  
 $\text{Al}_2(\text{SO}_4)_3 \cdot 14\text{H}_2\text{O}$

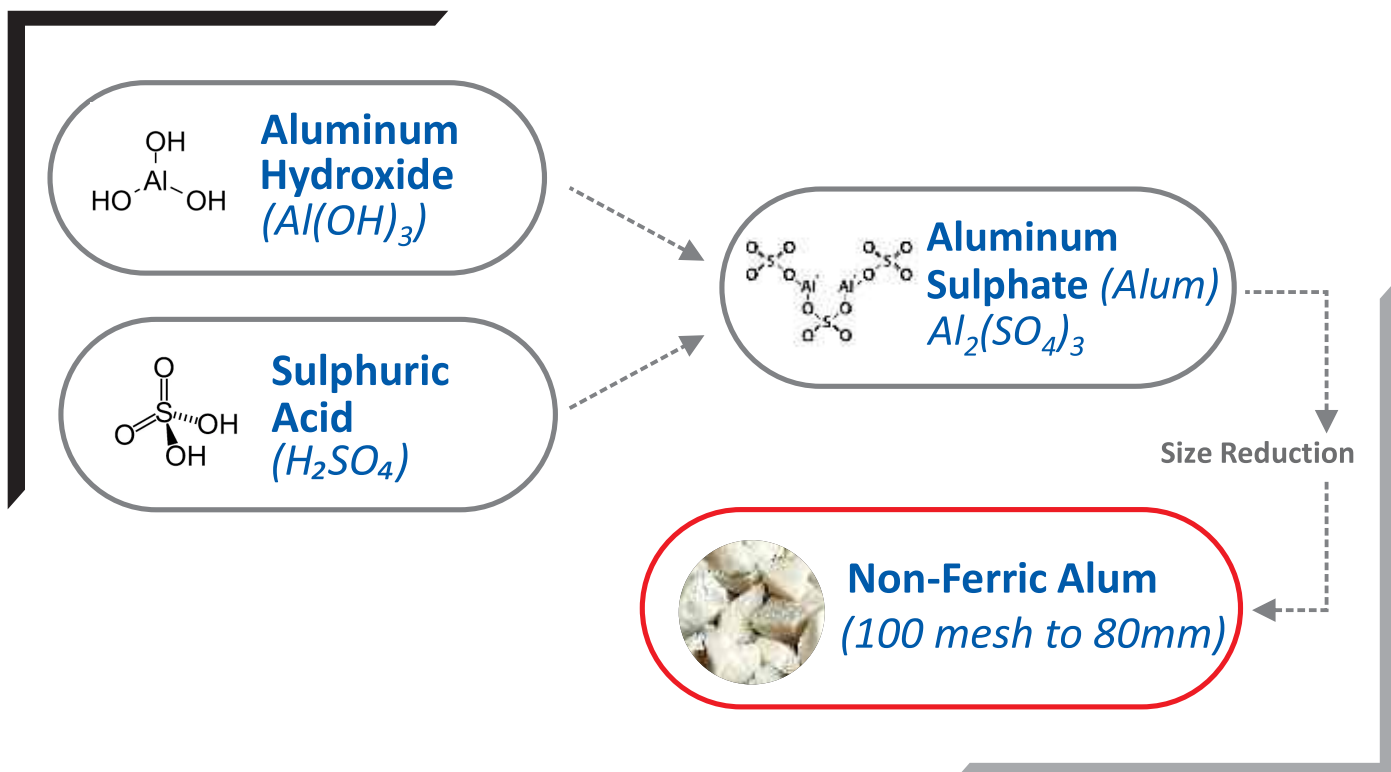
**Appearance:**  
White crystalline solid or powder

**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)

## Manufacturing Overview



# 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



# 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

### Chemical Information

**Product IUPAC Name:**

Sulphuric acid

**Synonyms:**

Sulfuric acid; Hydrogen sulphate;  
Oil of vitriol;

**Molecular Formula:**

$H_2SO_4$

**Appearance:**

Clear, colourless to slightly  
yellow viscous liquid

**Molecular Weight:**

98.079 g/mol

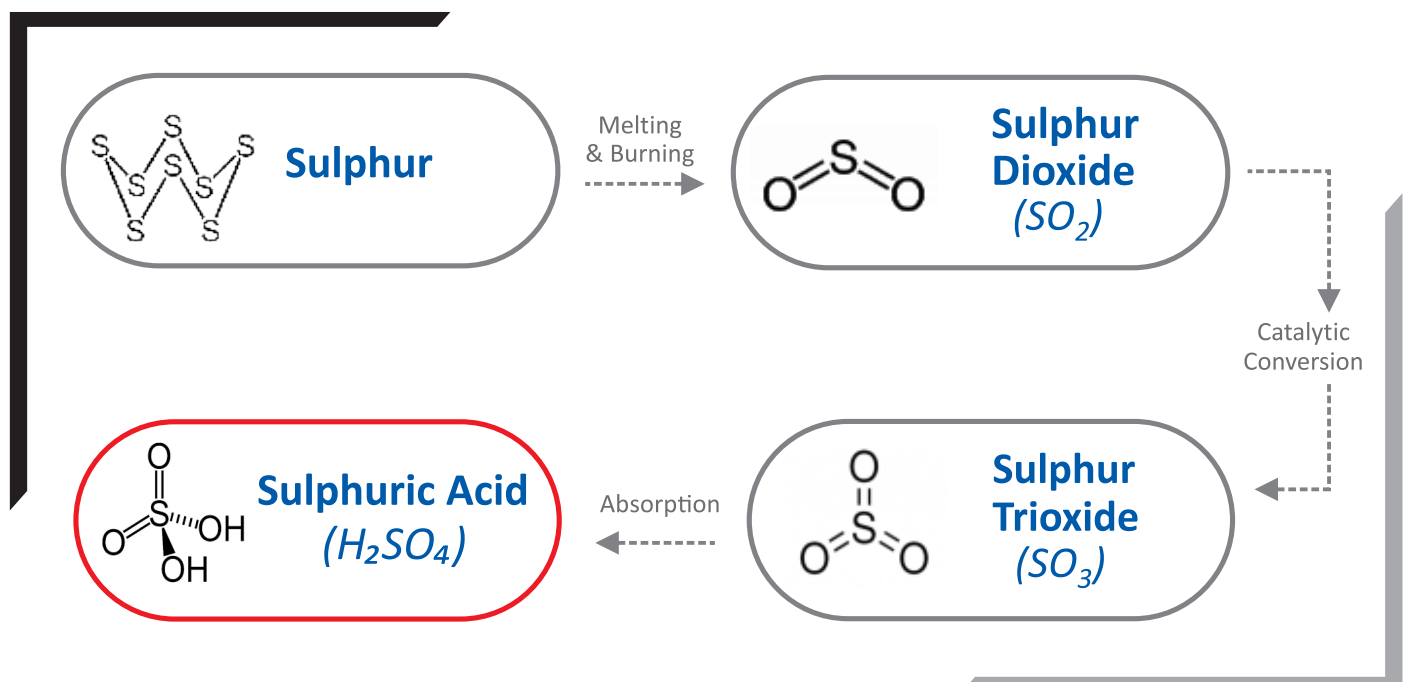
**CAS Number:**

7664-93-9

**Grades:**

1. Battery grade
2. Industrial grade

## Manufacturing Overview



# Application Areas



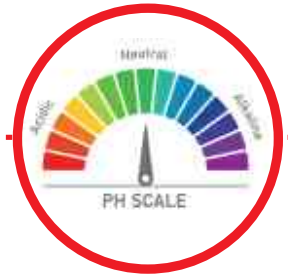
## **Fertilizer production:**

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*

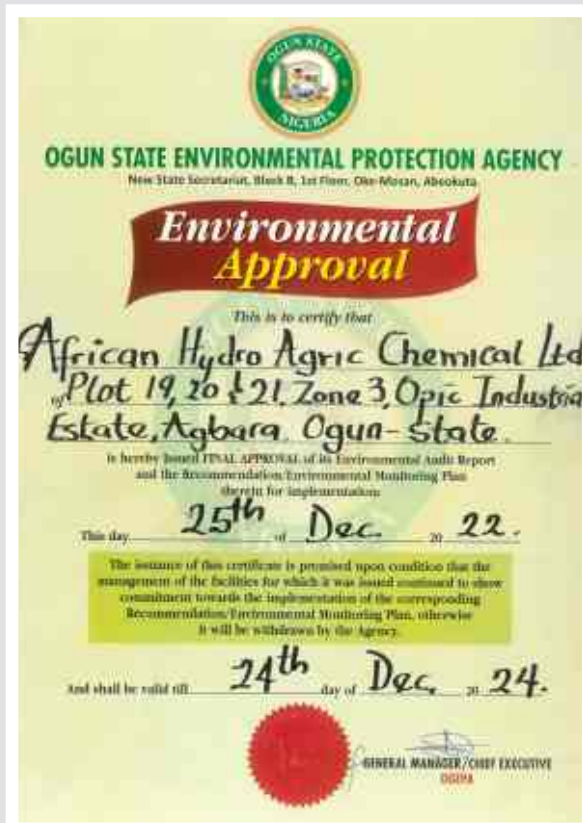
**African Hydro Agric Chemicals**







# Certification





## Our Clients

### Aluminium Sulphate



### Sulphuric Acid



## Contact

### AFRICAN HYDRO AGRIC CHEMICALS LIMITED

Factory: Plot 19, 20, 21 Zone 3, OPIC Industrial Estate, Agbara,  
Ogun State, Nigeria

RC No: 866572, MAN No: MAN/GML/3982

Tel: +234-805 844 9332, +234-812 037 0005

Web: [www.africanindustries.com](http://www.africanindustries.com)

Email: [chemicals@africanindustries.com](mailto:chemicals@africanindustries.com)





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

