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SULPHURIC ACID

CAS #: 7664-93-9

DESCRIPTION

Sulphuric Acid (H₂SO₄) which is also known as hydrogen sulfate, is a colorless, oily, viscous and corrosive liquid that is soluble in water. It is one of the most commercially important chemicals and is prepared industrially by the reaction of water with sulfur trioxide.

TECHNICAL SPECIFICATIONS

Appearance	: Clear colorless liquid
Assay (H ₂ SO ₄) wt.%	: 98 Min.
Density kg/L	: 1.79 Min.
Turbidity (NTU)	: 50 Max.
Iron (Fe) (Mg/Kg)	: 50 Max.
Packing	: 220 kg drums / IBC tanks / Bulk

APPLICATIONS

The major use of **Sulphuric Acid** is in the production of fertilizers such as super phosphate of lime and ammonium sulfate. It is widely used in the manufacture of chemicals including hydrochloric acid, nitric acid, sulfate salts, synthetic detergents, dyes and pigments, explosives, and drugs. It is also used in following applications:

- Petroleum refining for extractions and processing of minerals and ores
- Process of surface treatments, purification and etching of metals
- Electrolytic processes
- Gas purification, scrubbing, flue gas scrubbing
- Production of sulphuric acid contained batteries

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