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Product Information Sheet | PIS | Sulfuric Acid – Technical Grade



Product Identification

Product Name
Chemical Name
Synonym

Sulfuric Acid
Sulfuric Acid
Hydrogen Sulfate, Oil of Vitriol, Vitriol Brown Oil, Matting Acid,
Battery Acid

Registrations
Appearance

CAS-Nr. 7664-93-9
Colorless to Yellowish Clear

Packing

10 to 20 ton in tank car

Applications

- Manufacture of fertilizers
- Manufacture of dyestuffs and pigments
- Manufacture of blowing agent
- Manufacture of downstream of sulfate salts
- Bleaching earth
- Alkylation catalyst
- Electroplating baths
- Purification of petroleum

Parameter	Unit	Product Specifications	
Sulfuric acid (H ₂ SO ₄)	%	98.2	min
Turbidity	NTU	60	max
Residue On Ignition	%	0.02	max
Chloride (Cl)	mg/kg	5	max
Iron (Fe)	mg/kg	40	max
Lead (Pb)	mg/kg	9	max
Arsenic (As)	mg/kg	0.2	max
Cuprum (Cu)	mg/kg	1	max
Selenium (Se)	mg/kg	0.5	max
Zink (Zn)	mg/kg	2	max

Testing method: SNI-02-1760-2005