



Sulphuric Acid 70 %

CHEMICAL FORMULA :

H₂SO₄

PROPERTIES :

Appearance :	Colourless liquid
Sp. Gravity at 30 °C :	1.59
Boiling point :	340 °C

Attack many metals with liberation of hydrogen, which is inflammable and forms explosive mixture, Oxidizing agent.

SPECIFICATIONS :

Purity (as H ₂ SO ₄) :	70.0 % min
Iron (as Fe) :	0.01 % max
Residue on ignition :	0.20 % max
Lead (as Pb) :	0.005 % max
Arsenic (as As) :	0.004% max
Chloride (as Cl) :	0.0010 % max

APPLICATIONS :

Fertilizers :	Mainly phosphates, but also zinc, ammonium and potassium sulphates.
Textiles :	Used for carbonization
Sulphonation :	Sulphonation of various metals and manufacturing of Alum.

DANGERS AND PRECAUTIONS FOR HANDLING PRODUCT :

Toxic
Causes severe damage to eyes, skin & air passage
Reaction with moist air produces mist, which has severe irritant effect on eyes, skin & air passage.
Store the material in MS acid proof brick lined or HDPE tank.
Fire risk in contact with organic substances.

PACKING :

Tanker Load.



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