

# Battery Grade Sulphuric Acid

## CHEMICAL FORMULA :

H<sub>2</sub>SO<sub>4</sub>

## PROPERTIES :

Appearance :	Clear colorless liquid
Sp. Gravity at 30 °C	1.82
Molecular weight	98.08
Boiling point	340 °C

## SPECIFICATIONS :

Purity (as H <sub>2</sub> SO <sub>4</sub> )	98.0% min
Turbidity	20 NTU Max
Iron (as Fe)	20 ppm Max
Residue on ignition	0.06% Max
Lead (as Pb)	0.005% Max
Arsenic (as As)	0.00012% Max
Chloride (as Cl)	0.001% Max
Selenium (as Se)	0.002% Max
Manganese (as Mn)	0.0001% Max
Copper (as Cu)	0.003% Max
Zinc (as Zn)	0.003% Max
Oxidisable impurities (as SO <sub>2</sub> )	0.02% Max
Nitrates, Nitrites & Ammonia as (N)	0.003% Max

## Applications :

As battery acid.  
For manufacturing of specialty chemicals.  
Drugs & drug intermediate.  
Food grade color, dyes & Chemicals.

## 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 SS tank. Avoid contact with moisture.  
Fire risk in contact with organic substances.

## PACKING

Tanker Load, HM HDPE Carboys of 35/50 Kg.



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