

# **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 speciality 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.

## Packaging:

Tanker Load, HM HDPE Carboys of 35/50 Kg

#### **Product List:**

Sulphuric Acid 98 % | Dimethyl Sulphate | Sulphuric Acid 70 % | Aluminum Sulphate (Non Ferric

Alum ) | Oleum 23% / 65% | Sulphur Trioxide (SO3) | Chloro Sulphonic Acid | Sulfamic Acid