



PHENOL SULFONIC ACID

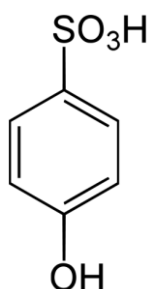
Synonym : P-HYDROXY BENZENE SULFONIC ACID, SULFO CARBOLIC ACID.

CAS Number : [98-67-9]

Molecular Formula : C₆H₆O₄S

Molecular Weight : 174

Structure :



Characteristics	Specifications
Appearance	Red brown coloured liquid
Active matter by titration (%)	65.0 min
Sulfuric acid (%)	2.0 max
Free phenol (%)	1.0 max
Color on gardner Scale (%)	17 max
Iron (ppm)	100 max
Sulfur dioxide (ppm)	100 max
Freezing point (°C.)	3 max

Packing : 250 Kg HMHDPE drums

APPLICATION(S):

- In acid tin and acid copper plating to control the atmospheric oxidation of stannous ion and for increasing the hardness in the copper deposits respectively.
- In tanning formulations.
- In dyeing of polyester fibres.
- In printing ink for improved storage stability and viscosity stabilizer for epoxy polymers.
- Adjuvant in phenolic resins & ion exchange resins to enhance its exchange capacity.

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