

## SPECIFICATION

### BENZENE SULPHONIC ACID

SYNONYM	:	PHENYL SULFONIC ACID, Besylic Acid
CAS NO.	:	[98-11-3]
EMPERICAL FORMULA	:	C <sub>6</sub> H <sub>6</sub> O <sub>3</sub> S
MOLECULAR WEIGHT	:	158.18
ODOUR	:	Slight Hydrocarbon odour

### SPECIFICATION

APPEARANCE	:	Light Brownish grey solid.
% ASSAY	:	98(Min.)
% FREE ACIDITY (as H <sub>2</sub> SO <sub>4</sub> )	:	1.0(Max.)
% MOISTURE	:	2.0(Max.)
SOLUBILITY	:	Freely soluble in methanol and Water, clear and free from foreign Particles.
RESIDUE ON IGNITION	:	0.2% Max.
HEAVY METALS	:	20 ppm Max.
BENZENE BY GC	:	300 ppm Max.

### RELATED SUBSTANCE BY HPCL

ANY INDIVIDUAL IMPURITY	:	0.2% Max.
TOTAL IMPURITY	:	0.5 % MAX.
PACKING	:	HDPE 50 kg. Drum