



## **BENZENE SULFONYL CHLORIDE**

Synonym	:	BENZENE SULFONE CHLORIDE, BENZENE SULFONIC ACID CHLORIDE.
CAS Number	:	[98-09-9]
Molecular Formula	a :	$C_6H_5SO_2Cl$
Molecular Weight	:	176.62
Structure	:	



Characteristics	Specifications
Assay by G.C. (%)	99.5 Min
Colour (APHA)	20 Max
Free acidity (as HCl) (%)	0.10 Max
Sulphone by G.C. (%)	0.10 Max
Chlorobenzene by G.C. (%)	0.10 Max

Packing : 250 Kg HMDPE drums, IBC, ISO tanks

## **APPLICATION(S):**

- As a starting material for Violet 23 & cobalt phthalocyanine dye.
- s an intermediate for agro chemicals such as insecticides and in many others
- In the manufacture of benzene sulfonamide, surface active agents, esters by dehydration for perfumery products, lubricating oil additives
- As a promoter in low hysteresis processing of carbon black rubber mixes.
- Improvements in the production of polymerisation products using halogen compounds to increase the effectiveness of sulfonation during polymerisation.
- As a catalyst in furan resins.
- As a brightening additive for nickel electroplating.

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