

PARA TOULENESULFONYL CHLORIDE (PTSC)



CAS Number: 98-59-9

Other Names: 4-Methylbenzenesulfonyl chloride; p-Tosyl chloride;
Tosyl chloride, 4-Toluenesulfonyl chloride

Formula: C₇H₇ClO₂S

PRODUCT INTRODUCTION

P-toluene sulfonylchloride appears as a white to gray powdered solid with a distinctive odor. It is insoluble in water. It is generally used as an intermediate for preparation of other chemicals.

PHYSICAL AND CHEMICAL PROPERTIES

Purity	99.6 %
Moisture	0.05 %
Free Acid	0.1 %
Melting Point	67.1 °C
OTSC	0.10 %
Color	20 APHA

APPLICATION

- Para toluene sulfonic acid is used as non-oxidizing catalyst in the manufacture of plasticizers.
- It is used as a curing agent for epoxy-phenolic resins.
- It is also employed in preparing hydrazine based blowing agents such as p-Toluenesulfonylhydrazide, p,p'-Oxybis(benzenesulfonylhydrazide), p-Toluenesulfonyl acetone hydrazine.
- PTSC and their derivatives are used as intermediates for the synthesis of isocyanate compounds used as water scavengers and catalysts for the production of thermosetting resins. They are synthetic intermediates for a number of biologically active compounds, pharmaceuticals, herbicides, dyes and pigments candidates

PACKAGING OPTIONS

Drums

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