

# garuda chemicals

**Office:**

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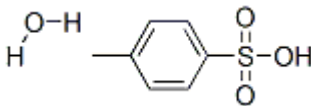
**Factory:**

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## CHLOROSULPHONATION PRODUCT

<b>Product:</b>	<b>Para Toluene Sulphonic Acid (Monohydrate)</b>
<b>CAS #:</b>	6192-52-5
<b>Synonyms:</b>	Tosic Acid Monohydrate; Methyl Benzene Sulphonic Acid Monohydrate; Toluene Sulphonic Acid Monohydrate
<b>Molecular Formula:</b>	C <sub>7</sub> H <sub>8</sub> O <sub>3</sub> S.H <sub>2</sub> O
<b>Molecular Weight:</b>	190.21
<b>Structural Formula:</b>	
<b>Description:</b>	White crystalline powder, highly hygroscopic
<b>Solubility:</b>	Clearly soluble in water
<b>Free Sulphuric Acid:</b>	1.0% max.
<b>Ash Content:</b>	0.5% max.
<b>Melting Point:</b>	98.0 to 103.0°C.
<b>Moisture Content:</b>	13.0% max.
<b>Assay:</b>	98.0% min.

## Related Information

We offer packing customised to customer-requirement. Standard packing for this product is 25.0 kilos net, new, polylined, U.N. Approved HDPE bags.

We mostly keep small quantities of this material in ready stock.

Please enquire for updated information on delivery schedule, pricing and payment terms to <gcsales@garudachem.com>

<b>H.T.S.#:</b>	2904.1000.90
<b>Shipping Name:</b>	ALKYL SULPHONIC ACIDS, SOLID (With 5% or less than Free Sulphuric Acid)
<b>Hazard Class:</b>	8
<b>UN Number:</b>	UN2585
<b>Packing Group:</b>	III
<b>Known Applications:</b>	organic synthesis as an "organic-soluble" acid catalyst