



**Evershine**

Drug Product Pvt. Ltd.

Manufacturers Of Organic Intermediates  
& Speciality Chemicals

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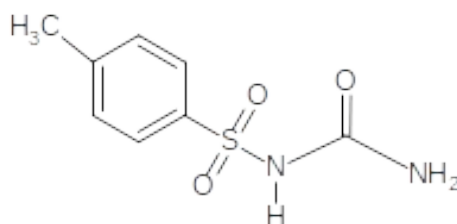
## SPECIFICATION

**CAS NO:** - 1694-06-0

**Chemical Name:** PTS Urea

4-Methylphenylsulfonylurea

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**Structure: -**



Molecular Formula                      C<sub>8</sub>H<sub>10</sub>N<sub>2</sub>O<sub>3</sub>S

Molecular Weight                      214.24 g/mol

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**Product Properties:**

Appearance                              White crystalline powder

Assay by HPLC                          ≥ 98.0%

Water Content by KF                    ≤ 1.0 %

Melting Point                            196 °C - 198 °C

Solubility                                  Soluble in water

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**Storage**                                  Cool, dry, tightly closed, Retest after 24months

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**Application**

4-Methylphenylsulfonylurea is used in the synthesis of Glyburide, a second-generation sulfonylurea with hypoglycaemic activity. Glyburide is an antidiabetic agent