

Specialty Chemicals Industry

Luna PTISI-P

**Description:**

Luna PTISI-P is used in the formulation of polyurethane products as a reactive additive with low viscosity.

Luna PTISI-P prevents moisture related problems by replacing with trace moisture. Excess water reacts with Luna PTISI-P towards the corresponding carbamic acid, which undergoes immediate decomposition to form carbon dioxide and the relatively inert p-toluenesulfonamide, which is commonly used as a plasticizer.

When stored, purified diisocyanates tend to deteriorate and discolor. In this case, Luna PTISI-P can be used for stabilization to improve shelf life

CAS No.:

4083-64-1

Packaging and storage:

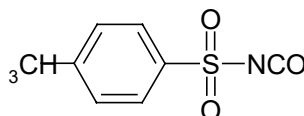
- 25 kg and 200 kg drum
- Store in a cool, dry place
- Store in a tightly closed container
- Shelf life of 18 months

Molecular formula:C₈H₇NO₃S**Specification**

Property	Value
Synonym:	Tosyl isocyanate
EC No:	223-810-8
Appearance:	Colourless and clear liquid
Color (APHA):	20 Max
Purity / Assay (GC):	98.0% Max
p-Toluenesulfonyl chloride:	1.0% Max
Hydrolysable Chloride:	0.1% Max

Key benefits/advantages:

- Prevents thickening of polyurethane coatings, sealants, and adhesives during storage
- An intermediate in polymer synthesis
- Does not dimerize or trimerize as alkyl and aryl isocyanates do
- A low viscosity additive that absorbs trace moisture

Molecular Structure:**DKSH International**

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The information presented above is believed to be accurate. However, said information and products are offered without warranty or guarantee, since the ultimate conditions of use and the variability of the materials treated are beyond our control.

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