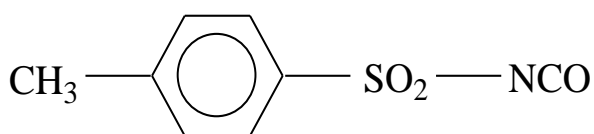


DATA SHEET Nr 9900 D

p-TOLUENESULFONYL ISOCYANATE

PTSI



Molecular formule:	C ₈ H ₇ N O ₃ S
Molecular weight:	197,2
CAS number:	4083-64-1
EC number:	223-810-8

SYNONYM

Tosyl isocyanate

APPEARANCE

Clear liquid.

PPHYSICAL PROPERTIES

Density: d₄²⁰ 1,29
Melting point: -2 °C
Boiling point: 144 °C/13 mbar

Solubility:

Soluble in usual organic solvents (toluene, acetone, chloroforme).

CHEMICAL PROPERTIES

- Reacts with water, yielding carbon dioxide.
- Reacts with alcohols yielding carbamates.
- Reacts with amines yielding urea derivatives.

USES

- Water scavenger.

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Specification

Parameter	Guaranted value	Method	Operating procedure
Appearance	Clear liquid		
Colour	≤ 50 APHA	Colorimetry	C - 210
Assay	≥ 98.0 %	Acidimetry	A - 375
Tosyl chloride	≤ 1.1 %	Gas chromatography	GC - 954

PACKAGING

In metal drum with inner epoxy coating containing 20 and 225 kg.

IBC 1000 kg.

HANDLING PRECAUTIONS

See MSDS

Wear gloves, goggles, mask and protective clothes.

In case of eyes contamination wash with plenty of water at least 15 minutes. If the product is ingested or the vapour is inhaled take the injured person immediately to a phisician.

STORAGE

The product is stable stored in its original closed packaging in a dry, cool, well ventillated area.

In case of longer storage the main parameters of the product (assay, colour) are recommended to be checked before use.

TRANSPORT

Refer to MSDS

Nr. 9900 D May, 2016



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