

## SUBSTANCE SAMENESS INFORMATION SHEET

Version 27 August 2009

REACH name : 4-methyl-m-phenylene diisocyanate

Common name : TDI 100

REACH substance type : Mono Const. Subst.

EC No. (EINECS / NLP) : 209-544-5

CAS No. : 584-84-9

CAS Name : Benzene, 2,4-diisocyanato-1-methyl-

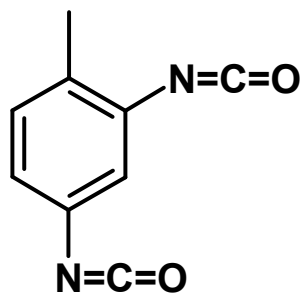
IUPAC Name : 2,4-diisocyanato-1-methylbenzene

Other (chemical) names : 2,4-diisocyanato-toluene  
2,4-toluene-diisocyanate  
2,4-TDI  
isocyanic acid  
4-methyl-m-phenylene ester

Other identity codes :

Molecular formula :  $C_9H_6N_2O_2$

Structural formula :



Molecular weight : 174 g/mol

## TYPICAL COMPOSITION

Constituents : typical 99 (98-100)w% 2,4-toluene-diisocyanate

Impurities : max 2.0 w% 2,6-toluene-diisocyanate  
max 80 ppm chloro-benzene  
max 100 ppm 1,2-dichloro-benzene  
max 100 ppm toluene  
max 1000 ppm hydrogen-chloride  
max 0.5 ppm trichloro-methyl-benzene  
max 1000 ppm 1,3- diisocyanato-benzene  
+ other impurities

## OTHER INFORMATION

CMR cat 1 or 2 : None

R50/53 : N

Read across subst. :

	EC No.	CAS No.
2-methyl-m-phenylene diisocyanate	202-039-0	91-08-7
m-tolyldiene diisocyanate	247-722-4	26471-62-5