

SUBSTANCE SAMENESS INFORMATION SHEET

Version: 19 October 2009

REACH name : 3(or 4)-methylbenzene-1,2-diamine

Common name : o-TDA mixture

REACH substance type : Mono Const. Subst.

EC No. (EINECS / NLP) : 248-145-0

CAS No. : 26966-75-6

CAS Name :

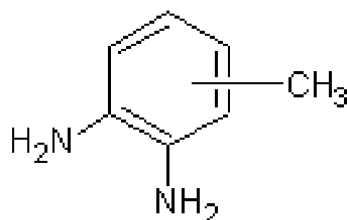
IUPAC Name : 1,2-Benzenediamine, 4-methyl (3,4-TDA)
1,2-Benzenediamine, 3-methyl (2,3-TDA)
N.A. (commercial TDA mixture (2,3/3,4-TDA (40/60)))

Other (chemical) names : Toluene-ar,ar-diamine
Toluenediamine
1,2-Benzenediamine, 3(or 4)-methyl-
1,2-Benzenediamine, ar-methyl-
Methyl-1,2-benzenediamine
Methyl-o-phenylenediamine
ortho-Tolylenediamine

Other identity codes :

Molecular formula : C₇H₁₀N₂

Structural formula :



Molecular weight : 122 g/mol

TYPICAL COMPOSITION

Constituents * : typical 68 (55-80) w% 3,4-Toluenediamine
typical 32 (20-45) w% 2,3-Toluenediamine

Impurities * : max 8.0 w% m-TDA
max 1.7 w% 2,5-Toluenediamine
max 1.8 w% Low boiling impurities
max 2.5 w% High boiling impurities
max 1.0 w% Water
max 0.1 w% Sulfated Ash
+ other impurities

* Each component is determined by the corrected peak area normalization method obtained by means of a capillary gas chromatography (GC) with flame ionization detector (FID).

OTHER INFORMATION

Read across subst. :

	EC No.	CAS No.
4-methyl-o-phenylenediamine	207-826-2	496-72-0
toluene-2,3-diamine	220-248-5	2687-25-4
Reaction mass of 4-methyl-o-phenylenediamine and toluene-2,3-diamine		
4-methyl-m-phenylenediamine	202-453-1	95-80-7
Diaminotoluene	246-910-3	25376-45-8