

Annex XV dossier

PROPOSAL FOR IDENTIFICATION OF A SUBSTANCE AS A CMR 1A OR 1B, PBT, vPvB OR A SUBSTANCE OF AN EQUIVALENT LEVEL OF CONCERN

Substance Name: o-Aminoazotoluene [4-o-Tolylazo-o-toluidine]

EC Number: 202-591-2

CAS Number: 97-56-3

Submitted by: European Chemicals Agency at the request of the European Commission

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The substance is proposed to be identified as substance meeting the criteria of Article 57 (a) of Regulation (EC) 1907/2006 (REACH) owing to its classification as carcinogen 1B¹ which corresponds to classification as carcinogen category 2².

Summary of how the substance meets the criteria set out in Article 57 (a) of REACH (Carc. 1B).

o-Aminoazotoluene [4-o-Tolylazo-o-toluidine] is listed by Index number 611-006-00-3 in Regulation (EC) No 1272/2008 and classified in Annex VI, part 3, Table 3.1 (list of harmonised classification and labelling of hazardous substances) as carcinogen, Carc. 1B (H350: "May cause cancer"). The corresponding classification in Annex VI, part 3, Table 3.2 (the list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC) of Regulation (EC) No 1272/2008 is carcinogen, Carc. Cat. 2; R45 ("May cause cancer").

Therefore, this classification of o-Aminoazotoluene [4-o-Tolylazo-o-toluidine] in Regulation (EC) No 1272/2008 shows that the substance meets the criteria for classification as carcinogenic in accordance with Article 57 (a) of REACH.

Registration dossiers submitted for the substance? No

¹ Classification in accordance with Regulation (EC) No 1272/2008 Annex VI, part 3, Table 3.1 List of harmonised classification and labelling of hazardous substances.

² Classification in accordance with Regulation (EC) No 1272/2008, Annex VI, part 3, Table 3.2 List of harmonised classification and labelling of hazardous substances (from Annex I to Council Directive 67/548/EEC).

PART I

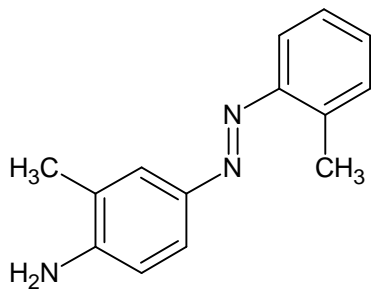
JUSTIFICATION

1 Identity of the substance and physical and chemical properties

1.1 Name and other identifiers of the substance

Table 1: Substance identity

EC number:	202-591-2
EC name:	4-o-tolylazo-o-toluidine
CAS number (in the EC inventory):	97-56-3
CAS number: Deleted CAS numbers:	97-56-3
CAS name:	Benzenamine, 2-methyl-4-[2-(2-methylphenyl)diazenyl]-
IUPAC name:	2-Methyl-4-[(2-methylphenyl)diazenyl]aniline
Index number in Annex VI of the CLP Regulation	611-006-00-3
Molecular formula:	C ₁₄ H ₁₅ N ₃
Molecular weight range:	225.2 g/mol
Synonyms:	Benzenamine, 2-methyl-4-[(2-methylphenyl)azo]-; C.I. Solvent Yellow 3 ; o-Toluidine, 4-o-tolylazo-; 2,3'-Dimethyl-4'-aminoazobenzene; 2-Aminoazotoluene; 2-Methyl-4-[(2-methylphenyl)diazenyl]amine; 2-Methyl-4-[(o-tolyl)azo]aniline; 2',3-Dimethyl-4-aminoazobenzene; 4-(o-Tolylazo)-otoluidine; 4-Amino-2',3-dimethylazobenzene; o-Aminoazotoluene

Structural formula:**1.2 Composition of the substance****Name:** o-Aminoazotoluene [4-o-Tolylazo-o-toluidine]**Description:** ---**Degree of purity:** No information available**Table 2: Constituents**

Constituents	Typical concentration	Concentration range	Remarks
o-Aminoazotoluene [4-o-Tolylazo-o-toluidine] 202-591-2			No information available.

2 Harmonised classification and labelling

o-Aminoazotoluene [4-o-Tolylazo-o-toluidine] is listed by Index number 611-006-00-3 in Annex VI, part 3 of Regulation (EC) No 1272/2008 as follows:

Table 3: Classification according to part 3 of Annex VI, Table 3.1 ((list of harmonised classification and labelling of hazardous substances) of Regulation (EC) No 1272/2008

Index No	International Chemical Identification	EC No	CAS No	Classification		Labelling			Spec. Conc. Limits, M-factors	Notes
				Hazard Class and Category Code(s)	Hazard statement code(s)	Pictogram , Signal Word Code(s)	Hazard statement code(s)	Suppl. Hazard statement code(s)		
611-006-00-3	4-o-tolylazo-o-toluidine; 4-amino-2',3'-dimethylazobenzene; o-aminoazotoluene; AAT; fast garnet GBC base	202-591-2	97-56-3	Carc. 1B Skin Sens. 1	H350 H317	GHS08 Dgr	H350 H317		-	

Table 4: Classification according to part 3 of Annex VI, Table 3.2 (list of harmonised classification and labelling of hazardous substances from Annex I of Council Directive 67/548/EEC) of Regulation (EC) No 1272/2008

Index No	International Chemical Identification	EC No	CAS No	Classification	Labelling	Concentration Limits	Notes
611-006-00-3	4-o-tolylazo-o-toluidine; 4-amino-2',3-dimethylazobenzene; o-aminoazotoluene; AAT; fast garnet GBC base	202-591-2	97-56-3	Carc. Cat. 2; R45 R43	T R: 45-43 S: 53-45	-	

3 Environmental fate properties

Not relevant for the identification of the substance as SVHC in accordance with Article 57a.

4 Human health hazard assessment

See section 2 on harmonised classification and labelling.

5 Environmental hazard assessment

Not relevant for the identification of the substance as SVHC in accordance with Article 57a.

6 Conclusions on the SVHC Properties

6.1 CMR assessment

o-Aminoazotoluene [4-o-Tolylazo-o-toluidine] is listed by Index number 611-006-00-3 in Regulation (EC) No 1272/2008 and classified in Annex VI, part 3, Table 3.1 (list of harmonised classification and labelling of hazardous substances) as carcinogen, Carc. 1B (H350: "May cause cancer"). The corresponding classification in Annex VI, part 3, Table 3.2 (the list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC) of Regulation (EC) No 1272/2008 is carcinogen, Carc. Cat. 2; R45 ("May cause cancer").

Therefore, this classification of o-Aminoazotoluene [4-o-Tolylazo-o-toluidine] in Regulation (EC) No 1272/2008 shows that the substance meets the criteria for classification as carcinogenic in accordance with Article 57 (a) of REACH.

PART II

INFORMATION ON USE, EXPOSURE, ALTERNATIVES AND RISKS

No registration dossier has been submitted for this substance. Only information from C&L notifications is available on ECHA's dissemination website³:

<http://echa.europa.eu/information-on-chemicals>

ECHA has not carried out further analysis of this information.

³ Information published by ECHA on the substance can be searched at this site (field "Search for Chemicals" at upper right) by EC number, CAS number or substance name.