

Table S2 – Revised genotoxic data for chemicals able to induce cell transformation in the SHE CTA , final list of chemicals

CAS Registry Number	Chemical name	SHE pH 6.7	SHE pH 7.0	Ame s	<i>in vitro</i> MLA	<i>in vitro</i> MN	<i>in vitro</i> CA	<i>in vivo</i> MN	<i>in vivo</i> CA	<i>in vivo</i> UDS	<i>in vivo</i> transgenic	<i>in vivo</i> DNA damage	IARC ¹	CLP (CMR)	NTP (RoC) ²	Overall carc. Classification	Use
88133-11-3	Bemitradine	+	NA	-	-	NA	-	-	NA	NA	NA	NA	NA		+ (NL)	Y/Y	Diuretic antihypertensive drug
94-36-0	Benzoyl peroxide	NA	+	-	NA	NA	-	NA	NA	NA	NA	NA	3		-	Y/Y	Drug product
85-68-7	Butylbenzylphthalate	+	NA	-	-	NA	-	-	+	NA	NA	NA	3	R2 / R1B	I/ (NL)	Y/Y	Plasticizer
637-07-0	Clofibrate	+	+	-	-	-	E	-	-	-	I	-	3		-	Y/Y	Antilipidemic aNA anticholesteremic drug
117-81-7	di (2-Ethylhexyl) phthalate (DEHP)	+	+	-	-	-	-	-	-	-	E	-	2B	R1B	NA	Y/Y	Plasticizer
111-42-2	Diethanolamine	+	NA	-	I	NA	-	-	NA	NA	NA	-	2B		Reasonably anticipated to be carcinogenic (RoC)	Y/Y	Emulsifier
105-55-5	<i>N,N'</i> -Diethylthiourea	+	NA	-	+	NA	-	NA	NA	NA	NA	NA	3		+ in mouse both sexes, but not in rats (NL)	Y/Y	Rubber chemical
100-41-4	Ethyl benzene	+	NA	-	+	+	-	-	NA	-	NA	NA	2B		+ in rats both sexes, but not in mouse (NL)	Y/Y	Intermediate
93-15-2	Methyl eugenol	+	NA	-	-	-	-	-	NA	NA	+	+	2B	M2*, C2*	LE (NL)	Y/Y	Flavoring agent
21340-68-1	Methyclofenapate	NA	+	-	NA	NA	NA	NA	NA	-	NA	NA	NA		-	Y/Y	Antilipidemic drug
434-07-1	Oxymetholone	+	NA	-	-	+	-	-	-	NA	NA	NA	NA	C2*, R2*	Reasonably anticipated to be carcinogenic (RoC)	Y/Y	Anabolic steroid

50-55-5	Reserpine	+	NA	-	I	-	-	+	+	-	NA	NA	3		NA	Y/Y	Antihypertensive drug
50892-23-4	Wyeth-14,643	+	NA	-	NA	+	+	-	NA	-	+	+	NA	C1B *	Reasonably anticipated to be carcinogenic (RoC)	Y/Y	Drug product
16561-29-8	12-O-Tetradecanoyl phorbol 13-acetate (TPA)	+	+	-	-	-	-	NA	NA	NA	NA	NA	NA		Reasonably anticipated to be carcinogenic (RoC)	NA/Y	Phorbol ester
72-43-5	Methoxychlor	+	NA	-	+	NA	-	NA	NA	NA	NA	NA	3		Positive (NL)	N/Y	Pesticide
105-60-2	Caprolactam	-	+	-	-	-	-	-	-	-	NA	-	3		Negative	N/N	Used in nylon manufacture

+: positive; -: negative; NA: not available; E: equivocal; I: inconclusive (inadequate evidence); *: non-harmonised classification; LE = Limited Evidence;

¹ Reviewed according to 2019 update to the IARC Monographs Preamble [128]

² Updated according to 15th Report on Carcinogens [129]