

Regulation of “classical” phthalates in the fourth amendment to the plastics directive: Survey of the critical parameter to control in enforcement work.

		SML	Qm	Parameter to control in single use Food Contact Material *)			Parameter to control in repeated use Food Contact Material			Limit in fatty food simulant **)
PM-no	Substance	(mg/kg food simulant)	(% in the plastic)	Fatty food	Infant food	Non-fatty food	Fatty food	Non-fatty food	Infant food (non-fatty)	(mg/kg simulant D)
74560	Phthalic acid, benzyl butyl ester (BBP)	30	0.1	Qm		SML	SML			30-150
74640	Phthalic acid, bis(2-ethylhexyl)ester (DEHP)	1.5	0.1	Qm			Qm	SML		Not of relevance
74880	Phthalic acid, dibutyl ester (DBP)	0.3	0.05	Qm			Qm	SML		Not of relevance
75100	Phthalic acid, diester with C8-C10 (DiNP)	9 (SML(T) incl. DiDP)	0.1	Qm		SML	SML			9-45
75105	Phthalic acid, diester with C9-C11 (DiDP)	9 (SML(T) incl. DiNP)	0.1	Qm		SML	SML			9-45

*) Usually packaging made from glasses with lid containing a plasticized gasket is considered a single use material.

**) taking D-reduction factor in consideration (info for planning of method validation). When simulant D is 50% ethanol no reduction factor is of relevance.

Confirmed by the network of reference laboratories and the Commission working group on food contact materials.