

Table 20

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Table 20. Developmental toxicity studies for PFCAs - PFBA

*Derived by contractor; ** calculated according to EFSA. (2012); NR – not reported; NA – not applicable.

Substance / CAS no. / purity / reference	Strain & species / sex / no. of animals	Dose (mg/kg bw/day) / vehicle / route of admin / duration / Guideline (GL) study) / Good Laboratory Practice (GLP) status	PFAS concentration (µg/mL / µg/g	Observed effects at LOAEL (controls vs treated groups) Recovery (controls vs treated groups)	Published NOAEL / LOAEL (mg/kg bw/day)	Study author comments
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PFBA ammonium salt	Pregnant CD-1 mice.	0, 35, 175 or 350,	At 35 mg/kg bw/day (mean \pm SE)	Maternal effects		Findings reflect a general hepatic response to PFBA in the mouse and also indicate indirectly an effective transplacental transfer of the chemical from the maternal compartment to the fetuses, leading to similar liver enlargement.
		Water, Gavage,	Serum: 3.78 \pm 1.01	\uparrow liver weight (data only reported in figures).	Maternal: 35 / 175*	
CAS No. not given	Female 5/dose.	Non-GL study, GLP not stated.	Liver: 1.41 \pm 0.42.	Recovery:	Recovery:	
98%.	Recovery group:	Recovery group:	At 175 mg/kg bw/day	Maternal effects	Maternal: 35 / 175*	
Das et al. (2008)	5/dose.	0, 35, 175 or 350, GD1-GD18, PND22.	Serum: 4.44 \pm 0.65	Liver weight comparable to controls after 3 weeks (data NR).		
			Liver: 1.60 \pm 0.25.			