

Table 16

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This is a paper for discussion. This does not represent the views of the Committee and should not be cited.

Table 16. Repeated dose toxicity studies for PFCAs - PFODA

*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).
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					Males (mean ± SD):
					↑ absolute liver weight (g): 10.9 ± 1.8 vs 15.8 ± 1.8.
					↑ relative liver weight (%): 2.36 ± 0.28 vs 3.35 ± 0.14.
					↑ centrilobular hypertrophy: 0 vs 12 (grade 2).
		0, 40, 200 or 1000.			Females (mean ± SD):
		Carboxymethylcellulose sodium.			↑ relative liver weight (%): 3.32 ± 0.16 vs 3.8 ± 0.10.
PFODA	Crl:CD (SD) rats.	Gavage,			
	Male	42 days (males),			
CAS No.		42-56 days (females),			
16517-11-6	12/dose.	OECD 422,			Recovery:
98.9%.		GLP study.	NR		Males:
Hirata- Koizumi et al. (2012)	Recovery Male and female	Recovery group: 0 or 1000.			↑ absolute liver weight (g): 11.9 ± 0.3 vs 18.3 ± 2.1.
	5/dose.	Males: 14 days,			
		Females: 14 days, (recovery group females were not mated).			↑ relative liver weight (%): 2.40 ± 0.06 vs 4.46 ± 0.42.