

# Table 15

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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 15. Repeated dose toxicity studies for PFCAs - PFHxDA**

\*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).	Publish NOAEL , LOAEL (mg/kg bw/day)
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						Males (mean $\pm$ SD):
						$\uparrow$ absolute liver weight (g): 11.95 $\pm$ 1.53 vs 14.52 $\pm$ 1.82.
						$\uparrow$ relative liver weight (%): 2.41 $\pm$ 0.11 vs 2.87 $\pm$ 0.23.
						$\uparrow$ centrilobular liver hypertrophy and steatosis: 0 vs 6 (grade 1); 0 vs 2 (grade 2).
		0, 4, 20 or 100				
		0.5% water solution of carboxymethylcellulose				Females:
						Males:
						$\uparrow$ relative liver weight (%): 3.33 $\pm$ 0.17 vs 3.70 $\pm$ 0.29.
						Females:
						$\uparrow$ centrilobular liver hypertrophy and steatosis: 0 vs 9 (grade 1).
						Recovery
						Males:
						$\uparrow$ microgranuloma: 0 vs 7 (grade 2).
						Females:
						Recovery
						Males (mean $\pm$ SD):
						$\uparrow$ absolute liver weight (g): 13.09 $\pm$ 0.95 vs 16.41 $\pm$ 0.48.
PFHxDA	Crl:CD (SD) rats.	sodium.				
	Males	Gavage.				
CAS No. not given	and females	Males: 42 days beginning 14 days prior mating.				
95.3%.	7/sex/dose.	Females: 14 days prior to mating, gestation and to PND5				
Hirata-Koizumi (2015)	Recovery group:		NR			
	Males and unmated females	OECD 422 GLP.				
	5/sex/dose.	Recovery group: 0 or 100.				
		Males: 14 days.				
		Females: 14 days (recovery group females were not				

