

SUPPLEMENTARY DATA

FOR:

**CONCENTRATIONS OF ORGANOPHOSPHATE ESTERS AND
BROMINATED FLAME RETARDANTS IN GERMAN INDOOR
DUST SAMPLES**

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Table SD 1. OPE and PBDE levels in cars compared to studies in Spain, the UK and the US (ng g⁻¹ dust)

Location (# samples) (reference)	Parameter	TnBP	TCEP	TCPP	TBEP	TPhP	TDCPP	TCP	ΣOPEs	BDE	BDE	BDE	BDE	ΣPBDEs	DBDPE
										47	99	183	209		
Germany (this study) (n=12)	Mean	110	950	3100	21000	3000	130000	24000	190000	17	32	3.7	940	930	1300
	Median	15	280	3200	7500	2300	21000	1200	37000	16	27	3.4	610	630	410
	Range	<30-	<80-	1400-	<60-	500-	<80-	<40-	2700-	2.1-43	1.3-88	<0.2-	220-	220-3300	110-
Spain (n=1) ₂₉	Single sample	630	5800	4300	74000	11000	620000	150000	870000	na	na	17	3100	na	6500
	Single sample	40	40000	1400	48000	1000	13000	na	nr	na	na	na	na	na	na
Spain (n=1) ₂₉	Single sample	130	550	17200	3210	1640	7000	na	nr	na	na	na	na	na	na
Car cabin UK (n=10) ₃₀	Median	na	na	na	na	na	na	na	na	100	130	6.0	190000	nr	na
UK (n=20) ₂₀	Median	na	na	na	na	na	na	na	na	54	100	7.8	100000	nr	na
US (n=60) ₃₁	Median	na	na	na	na	na	na	na	na	880	1130	73	481000	nr	na

Na = not analysed

Nr = not reported

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Table SD 2. Comparison of Concentrations (ng g^{-1}) of OPEs in German House Dust with those in other countries

Location (#samples) (reference)	Parameter	TnBP	TCEP	TCPP	TBEP	TPhP	TDCPP	TCP	Σ OPEs
Germany (n=6) (this study)	Mean	130	200	740	730	380	<80	94	3000
Belgium (n=33) ¹⁷	Mean (Range)	250 (30-2700)	490 (nd-2650)	480 (190-73700)	6600 (360-6700)	2000 (40-29800)	570 (nd-6640)	440 (nd-5070)	19000 (1920-94700)
Japan (n=41) ¹⁵	Median (Range)	1400 (nd-2100)	7500 (nd-308000)	19000 (5400-291000)	1570000 (61800-58900000)	4000 (nd-78400)	5400 (nd-105000)	nd (nd-13900)	-
Sweden (n=10) ³⁶	Median (Range)	300 (nd-1700)	2100 (nd-33000)	1600 (700-11000)	400 (600-30000)	1200 (100-4200)	10000 (2200-27000)	1000 (nd-3000)	21000 (4000-120000)
Pakistan (n=31) ³²	Median (Range)	14 (14-76)	nd	nd	nd	30 (<15-2850)	80 (<2-630)	nd	-
New Zealand (n= 34) ¹⁸	Median	100	110	350	4020	600	230	120	-

nd=not detected#