

Table S3. Original values of plastics used to create Table 2.

Ref	Plastic	Reference Flow	Ozone Layer Depletion (Kg CFC-11 eq/kg plastic)	Climate Change (Kg CO ₂ eq/kg plastic)	Fresh Water Eutrophication (Kg P eq/kg plastic)	Marine Eutrophication (Kg N eq/kg plastic)	Human Toxicity (Kg 1,4-DB eq/kg plastic)
[1]	PET	19.10 g for each 500 ml bottle	9,82E-06	0,134	NA	NA	0,05
[3]	PET	5.5 kg for a 1000 cups	1,00E-05	2,19E+00	4,91E-04	1,91E-03	NA
	PP	3.9 kg for a 1000 cups	3,54E-08	1,65E+00	5,19E-05	1,15E-03	NA
[21]	PET	32.64 kg for a 1000 packages	9,48E-05	NA	NA	NA	NA
	PS	24.96 kg for a 1000 packages	8,71E-05	NA	NA	NA	NA
[60]	PET	16.35 kg for a 1000 250 ml water bottles	NA	NA	NA	NA	NA
[56]	PP	1 kg	2,20E-07	NA	NA	6,06E-04	NA
[5]	HDPE	1 kg	6,20E-09	NA	NA	NA	NA
	LDPE	1 kg	5,62E-08	NA	NA	NA	NA
	TPS	1 kg	1,46E-07	NA	NA	NA	NA
[23]	PBS	1 kg	3,80335E-10	0,956666667	0,0000455	0,008913333	0,128
[53]	LPDE	138 g for each film	NA	0,5608	-0,000033	1,84E-04	NA

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[37]	PET	12.2 kg for a 1000 500 ml bottles	NA	NA	NA	NA	NA
[25]	PP	7 g for each cup	4,68E-06	0,019	NA	NA	NA
	PET	9 g for each cup	1,63E-04	0,033	NA	NA	NA
[11]	PP	1000 kg	1,41E-05	NA	NA	NA	106,91
	LDPE	1000 kg	1,42E-05	NA	NA	NA	147,83
	HDPE	1000 kg	1,43E-05	NA	NA	NA	119,49
[29]	PET	25.2 g for each 1L package	2,57E-09	5,53E-02	1,34E-05	NA	NA
	HDPE	31.6 g for each 1L package	1,40E-09	5,21E-02	5,71E-06	NA	NA
[30]	PET	23.5 kg kg for a 1000 1 L bottles	3,36E-05	NA	NA	NA	NA
[33]	PET	1 tonne	NA	2,80E+03	6,37E-01	3,13	7,67E+02
[31]	Ham-PVA	1 kg	5,58E-07	4,260198	0,001091	0,001531	0,934583
	PVF	1 kg	1,14E-06	16,65613	0,007002	0,002663	6,327723
[32]	PS	11.90 g for each 1 L tray	1,40E-11	7,30E-02	8,20E-07	2,50E-05	NA
	PET	11.90 g for each 1 L tray	1,40E-11	9,90E-02	8,90E-07	3,50E-05	NA

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[37]	PP	11.90 g for each 1 L tray	1,11E-11	5,00E-02	5,00E-07	1,50E-05	NA
	PET	12.2 kg of PET for 1000 500 ml bottles	NA	NA	NA	NA	NA