

verriott.

Theoretical calculation of CO₂ emissions from a bottle of traditional perfume compared to verriott. We have limited the scopes of this calculation by disregarding the perfume and it's medium of transfer.

Perfume bottle example	
Total weight	46g
Alcohol solution	100ml

Veriott measurements	
Total weight	23g
Wax	10g

Traditional perfume	Material	Part of product	kg CO ₂ / kg material	Source of standard emissions	Weight (kg)	CO ₂ (kg)
	Glass	Bottle	8,39	greenrationbook.org.uk	0,161	1,35079
	Plastic	Cap, sprayer + straw	6	stopplastics.ca	0,010	0,06
	Steel	Spring	1,85	World steel association	0,001	0,00185
	Neodymium magnet	Magnet inside of cap	27,602	Global wind power development le	0,050	1,3801

1410,79g CO₂/ bottle

Veriott	Material	Part of product	kg CO ₂ / kg material	Source of standard emissions	Weight (kg)	CO ₂ (kg)
	Steel	Metal box	1,85	World steel association	0,0130	0,02405

24,05g CO₂/ veriott

Perfume	Source	Time til' empty	Factor of difference	adjusted kg CO ₂ /perfume	kg CO ₂ adjusted	g CO ₂ adjusted
Traditional (100ml)	Perfumer Philip Mikal (Quora)	400d	1	1,41079	1,411	1411
Veriott wax (10g)	verriott.com	90d	4,444	0,02405	0,107	107

Conclusion	
13,2x	less CO ₂ emissions