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Toxic *in vitro* effects of flavoured-air inhalers containing essential oils in differentiated human nasal epithelial cells at air-liquid interface.

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Supplementary Table 4 – GCMS analysis of volatile and semi-volatile organic compounds in six flavoured-air products. Values are percent relative abundance.

Compound	Füm Crisp Mint (FCM)	Füm Maple Pepper (FMP)	Lio Cinnamon Spice (LCS)	Lio Minty Magic (LMM)	Citrus Grapefruit (CGF)	Citrus Icy Peppermint (CIP)	GHS Hazard Statements from PubChem
Acetic acid, cinnamyl ester			1.99%				<i>Not classified</i>
Anethole			0.58%				H317
Benzyl Benzoate			16.77%				H302, H411
Cadinene isomer (?)		1.89%					<i>Not classified</i>
Carvone			0.60%	0.84%			H317
Caryophyllene	3.39%	13.32%	2.52%	4.17%	0.66%	0.91%	H304, H317
Caryophyllene oxide	1.69%	2.64%					H315, H319, H411
Cinnamaldehyde		20.02%	6.93%				H317
Cinnamaldehyde, o-methoxy-		1.90%					<i>Not classified</i>
Cinnamyl alcohol			0.97%				H302, H317
Citral		0.83%					H315, H317
Copaene		1.28%					H226, H304, H315
D-Limonene					2.26%		H226, H304, H315, H317, H400, H412
Eucalyptol	0.53%	1.40%	0.41%	0.34%			H226, H317
Eugenol		14.62%					H302, H315, H317, H319
Glycerol tricaprylate						18.52%	<i>Not classified</i>
Humulene		1.15%					H315, H319, H335
Isomenthone	3.04%	0.75%	3.91%	5.26%		1.21%	H315, H317
Linalool		1.22%			0.46%		H317
Menthol	66.67%	15.63%	40.98%	71.77%	94.98%	75.09%	H315, H319
Menthone	14.67%	3.66%	7.99%	10.60%		3.47%	H226, H315, H319, H412
Menthyl acetate	8.06%	2.29%	3.89%	6.23%			H411
Octanoic acid, methyl ester					1.04%		H317
Pulegone	0.98%	0.61%	0.48%	0.78%			H302

Triethylene glycol monobutyl ether			13.99%				H318
Vanillin						0.81%	H317, H319
α -Terpineol		2.45%			0.59%		H315, H319
β -Bisabolene		1.97%					H304, H315, H317, H332 , H400, H410, H411
γ -Muurolene (?)		0.82%					<i>Not classified</i>
Unknown	0.98%	9.57%					<i>N/A</i>

* GHS Hazard Statements were obtained from PubChem. Codes in **bold** refer to harmful effects on the respiratory system. H226 – Flammable liquid and vapour, H302 – Harmful if swallowed, H304 – May be fatal if swallowed and enters airways, H315 – Causes skin irritation, H317 – May cause an allergic skin reaction, H318 – Causes serious eye damage, H319 – Causes serious eye irritation, **H332 – Harmful if inhaled**, **H335 – May cause respiratory irritation**, H400 – Very toxic to aquatic life, H410 – Very toxic to aquatic life with long lasting effects, H411 – Toxic to aquatic life with long lasting effects, H412 – Harmful to aquatic life with long lasting effects. (?) refers to a weak spectral match; identification is provisional.