Full list of ingredients added to the substrate in Philip Morris International Herbal Heatable Products manufactured for sale in Switzerland

CAS[1]	FEMA[2]	CoE[3]	Ingredients[4]	MUL[5]	Function[6]
23726-91-2	3243	-	(E)-beta-damascone	0.01	flavouring
124-13-0	2797	97	1-octanal	0.05	flavouring
698-10-2	3153	2300	5-ethyl-3-hydroxy-4-methylfuran-2(5H)-one	0.05	flavouring
513-86-0	2008	749	acetoin	0.05	flavouring
123-68-2	2032	2181	allyl hexanoate	0.05	flavouring
79-69-6	2597	145	alpha-irone	0.01	flavouring
99-83-2	2856	2117	alpha-phellandrene	0.005	flavouring
98-55-5	3045	62	alpha-terpineol	0.05	flavouring
100-51-6	2137	58	benzyl alcohol	0.3	flavouring
8007-75-8	2153	137	bergamot oil	0.05	flavouring
87-44-5	2252	2118	beta-caryophyllene	0.005	flavouring
14901-07-6	2595	142	beta-ionone	0.1	flavouring
127-91-3	2903	2114	beta-pinene	0.01	flavouring
76-49-3	2159	207	bornyl acetate	0.005	flavouring
107-92-6	2221	5	butyric acid	0.001	flavouring
79-92-5	2229	2227	camphene	0.0005	flavouring
8000-42-8	2238	112	caraway oil	0.01	flavouring
9004-32-4	-	-	carboxymethylcellulose and its sodium salt	5.3	binder
65996-61-4	-	-	cellulose	16.1	binder
3681-71-8	3171	644	cis-3-hexen-1-yl acetate	0.05	flavouring
928-96-1	2563	750	cis-3-hexenol	0.3	flavouring
5392-40-5	2303	109	citral	0.1	flavouring
106-22-9	2309	59	citronellol	0.05	flavouring
97-89-2	2313	296	citronellyl isobutyrate	0.05	flavouring
8016-03-3	2359	69	davana oil	0.05	flavouring
112-31-2	2362	98	decanal	0.005	flavouring
705-86-2	2361	621	delta-decalactone	0.05	flavouring
5989-27-5	2633	491	d-limonene	0.05	flavouring
7452-79-1	2443	265	ethyl 2-methylbutyrate	0.2	flavouring
141-78-6	2414	191	ethyl acetate	0.1	flavouring
141-97-9	2415	240	ethyl acetoacetate	0.05	flavouring
105-54-4	2427	264	ethyl butyrate	0.4	flavouring
123-66-0	2439	310	ethyl hexanoate	0.2	flavouring
108-64-5	2463	442	ethyl isovalerate	0.05	flavouring
4940-11-8	3487	692	ethyl maltol	0.2	flavouring
121-32-4	2464	108	ethyl vanillin	0.05	flavouring
470-82-6	2465	182	eucalyptol	0.01	flavouring
97-53-0	2467	171	eugenol	0.005	flavouring
110-17-8	2488	25	fumaric acid	1.7	ph modifier
3658-77-3	3174	536	furaneol	0.1	flavouring
706-14-9	2360	2230	gamma-decalactone	0.1	flavouring
104-67-6	3091	179	gamma-undecalactone	0.2	flavouring
106-24-1	2507	60	geraniol	0.05	flavouring
56-81-5	2525	4117	glycerol	52.1	carrier
142-62-1	2559	9	hexanoic acid	0.05	flavouring
6728-26-3	2560	748	hexen-2-al	0.005	flavouring
142-92-7	2565	196	hexyl acetate	0.1	flavouring
9004-65-3	-	-	hydroxypropyl methyl cellulose	22.6	binder
106-27-4	2060	282	isoamyl butyrate	0.1	flavouring
659-70-1	2085	458	isoamyl isovalerate	0.1	flavouring

110-19-0	2175	195	Isobutyl acetate	0.005	flavouring
123-92-2	2055	214	isopentyl acetate	0.1	flavouring
2198-61-0	2075	320	isopentyl hexanoate	0.1	flavouring
89-79-2	2962	2033	isopulegol	0.05	flavouring
8000-28-0	2622	-	lavender oil	0.05	flavouring
6485-40-1	2249	-	l-carvone	0.01	flavouring
8008-56-8	2625	139	lemon oil	0.005	flavouring
8008-26-2	2631	141	lime oil	0.05	flavouring
78-70-6	2635	61	linalool	0.05	flavouring
115-95-7	2636	203	linalyl acetate	0.005	flavouring
68855-99-2	3846	-	litsea cubeba oil	0.05	flavouring
14073-97-3	2667	-	L-menthone	0.05	flavouring
106-72-9	2389	2006	melonal	0.1	flavouring
2216-51-5	2665	63	menthol	2.8	flavouring
16409-45-3	2668	-	menthyl acetate	0.005	flavouring
134-20-3	2682	250	methyl anthranilate	0.005	flavouring
103-26-4	2698	333	methyl cinnamate	0.05	flavouring
24851-98-7	3408	10785	methyl dihydrojasmonate	0.05	flavouring
106-25-2	2770	2018	nerol	0.05	flavouring
54-11-5	-	-	nicotine	1.6	alkaloid
557-48-2	3377	659	nona-2,6-dienal	0.005	flavouring
124-19-6	2782	114	nonanal	0.005	flavouring
124-07-2	2799	10	octanoic acid	0.0005	flavouring
106-02-5	2840	181	omega-pentadecalactone	0.01	flavouring
68917-05-5	3750	-	osmanthus absolute	0.01	flavouring
8006-90-4	2848	282	peppermint oil	0.5	flavouring
60-12-8	2858	68	phenethyl alcohol	0.05	flavouring
89-81-6	2910	2052	piperitone	0.01	flavouring
57-55-6	2940	4212	propylene glycol	0.9	processing aids
5471-51-2	2588	755	raspberry ketone	0.1	flavouring
8008-79-5	3032	285	spearmint oil	0.05	flavouring
586-62-9	3046	2115	terpinolene	0.05	flavouring
89-83-8	3066	174	thymol	0.005	flavouring
104-87-0	3068	-	tolualdehydes (mixed o,m,p)	0.005	flavouring
4180-23-8	2086	183	trans-anethole	0.05	flavouring
121-33-5	3107	107	vanillin	0.1	flavouring
7732-18-5	-	-	water	8.7	moisturizer, processing aid
-	-	-	Processing aids		

Footnotes

1 CAS   Chemical Abstract Service Registry Number. This number is provided where available to identify the ingredient.

2 FEMA   Flavor and Extract Manufacturers Association reference number. This number is provided where available to identify the ingredient.

3 CoE   The Council of Europe Reference Number. This number is provided where available to identify the ingredient.

4 Ingredient   International Union for Pure and Applied Chemistry (IUPAC) name or common chemical name of the ingredient, listed in alphabetical order.

5 MUL   Maximum Use Level. The maximum quantity at which the ingredient is used in any Philip Morris International brand in this country, expressed as a percentage of the substrate weight.

6 Function   The function of the ingredient in the product. These functions are explained in more detail below:

Function	Description
Alkaloid	Molecule containing nitrogen bases.
Binder	Maintains the physical state and texture of the product.
Carrier	Substance used to dissolve, dilute or disperse an ingredient to facilitate handling and application without altering its technological function.
Flavouring	Imparts a specific taste, flavour or aroma to herbal heatable products. Individual flavouring ingredients, which can be natural, nature identical or artificial flavourings and flavouring compounds are used at less than 0.1% of the weight of the substrate.
Moisturizer	Used to adjust the water content (moisture) of the product.
Ph modifier	Substances used to adjust the pH of the product.
Processing Aid	Facilitates the manufacturing process and are either not present in the end product or occur in residual amount and have no function in the final product.