

PM USA Cigarette Tobacco & Flavor Ingredients

No.	INGREDIENT	QUANTITY NOT EXCEEDED (% IN TOBACCO)	FUNCTION
1	ACETIC ACID	0.01	Flavor
2	ACETOPHENONE	0.0001	Flavor
3	AMMONIUM HYDROXIDE	0.3	Flavor Processing Aid
4	AMYL BUTYRATE	0.0001	Flavor
5	BENZALDEHYDE	0.005	Flavor
6	BENZOIN, RESINOID	0.005	Flavor
7	BENZYL ALCOHOL	0.1	Flavor
8	BERGAMOT OIL	0.001	Flavor
9	BORNYL ACETATE	0.0001	Flavor
10	BUTYRIC ACID	0.001	Flavor
11	CARDAMOM SEED OIL	0.0005	Flavor
12	CAROB BEAN AND EXTRACT	0.2	Flavor
13	CELERY SEED OIL	0.0001	Flavor
14	CHAMOMILE FLOWER, HUNGARIAN, OIL	0.0001	Flavor
15	CHAMOMILE FLOWER, ROMAN, OIL	0.0001	Flavor
16	CINNAMALDEHYDE	0.001	Flavor
17	CINNAMYL ALCOHOL	0.0001	Flavor
18	CITRIC ACID	0.0001	Flavor
19	D,L- CITRONELLOL	0.0001	Flavor
20	COCOA AND COCOA PRODUCTS	0.5	Flavor
21	COFFEE EXTRACT	0.0001	Flavor
22	CORIANDER OIL	0.0005	Flavor

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No.	INGREDIENT	QUANTITY NOT EXCEEDED (% IN TOBACCO)	FUNCTION
23	DECANOIC ACID	0.0001	Flavor
24	DIAMMONIUM PHOSPHATE	0.8	Flavor Processing Aid
25	2,3- DIETHYLPYRAZINE	0.0001	Flavor
26	DILL OIL	0.0001	Flavor
27	2,5- DIMETHYLPYRAZINE	0.0005	Flavor
28	ETHYL ACETATE	0.01	Flavor
29	ETHYL BUTYRATE	0.05	Flavor
30	ETHYL HEXANOATE	0.005	Flavor
31	ETHYL LACTATE	0.0005	Flavor
32	ETHYL MALTOL	0.0001	Flavor
33	ETHYL OCTANOATE	0.0001	Flavor
34	ETHYL PHENYLACETATE	0.0001	Flavor
35	ETHYL VANILLIN	0.05	Flavor
36	5- ETHYL-3-HYDROXY-4- METHYL-2(5H)-FURANONE	0.0001	Flavor
37	FENUGREEK EXTRACT	0.001	Flavor
38	GERANIOL	0.0001	Flavor
39	GERANIUM ROSE OIL	0.0001	Flavor
40	GLYCEROL	2.8	Humectant
41	GAMMA-HEPTALACTONE	0.0001	Flavor
42	2-HEPTANONE	0.0005	Flavor
43	HEXANOIC ACID	0.001	Flavor
44	4-(PARA- HYDROXYPHENYL)-2- BUTANONE	0.0001	Flavor

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45	IMMORTELLE EXTRACT	0.0001	Flavor
46	ALPHA- IONONE	0.0001	Flavor
47	ISOAMYL ACETATE	0.001	Flavor
48	ISOAMYL FORMATE	0.001	Flavor
49	ISOAMYL HEXANOATE	0.0001	Flavor
50	ISOAMYL ISOVALERATE	0.0005	Flavor
51	ISOAMYL PHENYLACETATE	0.0001	Flavor
52	ISOBUTYRIC ACID	0.0005	Flavor
53	ISOPULEGOL	0.001	Flavor
54	ISOVALERIC ACID	0.001	Flavor
55	LICORICE EXTRACT	0.8	Flavor
56	LIME OIL	0.0005	Flavor
57	LINALOOL	0.0001	Flavor
58	LOVAGE EXTRACT	0.01	Flavor
59	MALTOL	0.005	Flavor
60	L- MENTHOL	2.1	Flavor
61	MENTHYL ACETATE	0.001	Flavor
62	PARA- METHOXYBENZALDEHYDE	0.0001	Flavor
63	METHYL ISOVALERATE	0.0001	Flavor
64	METHYL SALICYLATE	0.001	Flavor
65	3- METHYLBUTYRALDEHYDE	0.005	Flavor
66	2- METHYLBUTYRIC ACID	0.0001	Flavor

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67	METHYLCYCLOPENTENOLONE	0.005	Flavor
68	MIMOSA ABSOLUTE	0.0001	Flavor
69	GAMMA- NONALACTONE	0.0001	Flavor
70	NONANOIC ACID	0.0005	Flavor
71	OAKMOSS ABSOLUTE	0.0001	Flavor
72	GAMMA- OCTALACTONE	0.0001	Flavor
73	OCTANOIC ACID	0.001	Flavor
74	OPOPONAX OIL	0.0005	Flavor
75	ORANGE OIL, SWEET	0.001	Flavor
76	ORRIS ROOT EXTRACT	0.005	Flavor
77	PEPPERMINT OIL	0.8	Flavor
78	PHENETHYL ALCOHOL	0.0001	Flavor
79	PHENETHYL PHENYLACETATE	0.005	Flavor
80	PHENYLACETIC ACID	0.0001	Flavor
81	D-PIPERITONE	0.005	Flavor
82	PIPERONAL	0.0005	Flavor
83	PROPENYLGUAETHOL	0.0005	Flavor
84	PROPYLENE GLYCOL	2.8	Humectant
85	RHODINOL	0.0001	Flavor
86	ROSE OIL, BULGARIAN, TRUE OTTO	0.0001	Flavor
87	RUM	0.05	Flavor
88	RUM FLAVOR, NON-ALCOHOLIC	0.0005	Flavor

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No.	INGREDIENT	QUANTITY NOT EXCEEDED (% IN TOBACCO)	FUNCTION
89	SALICYLADEHYDE	0.0001	Flavor
90	SANDALWOOD OIL, YELLOW	0.0005	Flavor
91	SCLAREOLIDE	0.0005	Flavor
92	SPEARMINT OIL	0.05	Flavor
93	SUGAR: HIGH FRUCTOSE CORN SYRUP 42%	3.1	Flavor Humectant
94	SUGAR: INVERT SUGAR	0.05	Flavor Humectant
95	SUGAR: SUCROSE	3.8	Flavor Humectant
96	TANGERINE OIL	0.0005	Flavor
97	ALPHA- TERPINEOL	0.0005	Flavor
98	2,3,5,6- TETRAMETHYLPYRAZINE	0.001	Flavor
99	PARA- TOLYL ACETATE	0.0001	Flavor
100	4-(2,6,6- TRIMETHYL CYCLOHEX-1-ENYL) BUT-2-EN-4-ONE	0.0001	Flavor
101	4-(2,6,6- TRIMETHYL CYCLOHEXA-1,3-DIENYL) BUT-2-EN-4-ONE	0.0001	Flavor
102	2,3,5- TRIMETHYLPYRAZINE	0.0001	Flavor
103	GAMMA- UNDECALACTONE	0.001	Flavor
104	VALERIAN ROOT EXTRACT	0.001	Flavor
105	VALERIAN ROOT OIL	0.001	Flavor
106	VANILLA BEAN EXTRACT (EXTRACTIVES)	0.001	Flavor
107	VANILLIN	0.005	Flavor
108	VERATRALDEHYDE	0.0005	Flavor

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No.	INGREDIENT	QUANTITY NOT EXCEEDED (% IN TOBACCO)	FUNCTION
109	WATER	15.0	Moisturizer Processing Aid
	PROCESSING AIDS: CARBON DIOXIDE; ETHYL ALCOHOL		Processing Aids