

**Full list of ingredients in non-tobacco components used in Philip Morris International cigarettes manufactured for sale in Kazakhstan**

**Cigarette Papers**

CAS <sup>1</sup>	Ingredient <sup>2</sup>		MUL <sup>3</sup>
65996-61-4	cellulose		4.6
471-34-1	calcium carbonate		2.5
7585-39-9	beta-cyclodextrin		0.1
9004-32-4	carboxymethylcellulose and its sodium salt		0.1
6100-05-6	potassium citrate		0.1
various	guar gum		0.05
various	natural and/or artificial flavourings		0.05
6132-04-3	sodium citrate		0.05

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**Side Seam Adhesives**

CAS <sup>1</sup>	Ingredient <sup>2</sup>		MUL <sup>3</sup>
24937-78-8	ethylene-vinyl acetate copolymer		0.4
9003-20-7	polyvinyl acetate		0.2
25213-24-5	polyvinol		0.005
	processing aids (Defoamer,Water,Preservative)		

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**Tipping Papers and Tipping paper Inks**

CAS <sup>1</sup>	Ingredient <sup>2</sup>	MUL <sup>3</sup>
65996-61-4	cellulose	3.5
471-34-1	calcium carbonate	1.2
1332-58-7	kaolin	0.6
12040-43-6	aluminium silicate, magnesium sodium salt	0.5
13463-67-7	titanium dioxide	0.5
65996-62-5	starch and/or modified starches	0.2
21645-51-2	aluminium hydroxide	0.1
9004-70-0	collodion	0.1
14807-96-6	talc	0.1
various	natural and/or artificial flavourings	0.055
77-90-7	acetyl tributyl citrate	0.05
98246-87-8	alkylketene dimer	0.05
1318-59-8	chlorite	0.05
1440528-04-0	copolymer perfluorooctyl methacrylate and dimethyl aminoethy methacrylate	0.05
various	pigment gold bronze	0.05
various	pigment iron oxide black	0.05
1309-37-1	pigment iron oxide red	0.05
various	pigment iron oxide yellow	0.05

12001-26-2	pigment mica		0.05
15790-07-5	pigment sunset yellow FCF		0.05
various	pigment tartrazine		0.05
63428-84-2	POLYAMIDE FIBERS		0.05
various	rosin		0.05
1314-98-3	zinc sulfide		0.05
7787-59-9	bismuth oxychloride		0.01
25212-19-5	epichlorhydrin resin		0.01
9004-57-3	ethyl cellulose		0.01
various	pigment brilliant blue FCF		0.01
12227-78-0	pigment erythrosin		0.01
16521-38-3	pigment indigotine		0.01
100208-62-6	pigment quinoline yellow		0.01
5281-04-9	pigment red lithol BK		0.01
102-76-1	triacetin		0.01
166412-78-8	di-isononyl-cyclohexane-1,2-dicarboxylate		0.005
56-81-5	glycerol		0.005
147-14-8	pigment blue 15:3		0.005
5468-75-7	pigment diarylide yellow		0.005
1328-53-6	pigment green 7		0.005
6358-30-1	pigment violet 23		0.005
77804-81-0	pigment yellow 180		0.005
112926-00-8	silica		0.005
7757-82-6	sulfuric acid and/or its calcium, potassium and sodium salts		0.005
7440-44-0	activated charcoal		0.0001

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**Filtration Material**

CAS <sup>1</sup>	Ingredient <sup>2</sup>	MUL <sup>3</sup>
9004-35-7	cellulose acetate	17.4
7440-44-0	activated charcoal	5.3
various	triglyceride oils	5.1
102-76-1	triacetin	2.3
2216-51-5	menthol	1.7
various	natural and/or artificial flavourings	1.3
various	modified starches and polysaccharides	1.2
9000-70-8	gelatin	0.4
9000-07-1	carragenan gum	0.2
100-51-6	phenylcarbinol	0.2
50-70-4	sorbitol	0.2
56-81-5	glycerol	0.1
141-78-6	ethyl acetate	0.05
7447-40-7	Potassium Chloride	0.05
68-04-2	sodium citrate	0.05
10043-52-4	calcium chloride	0.01
various	pigment	0.01
	processing aids (Water,Finishing oil)	

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**Filter Adhesives**

CAS <sup>1</sup>	Ingredient <sup>2</sup>	MUL <sup>3</sup>
24937-78-8	ethylene-vinyl acetate copolymer	3.4
9003-20-7	polyvinyl acetate	2
102-76-1	triacetin	0.3
68132-00-3	hydrocarbon resin	0.2
8002-74-2	paraffin	0.2
various	polyvinol	0.2
9011-11-4	styrene-alpha-methylstyrene resin	0.2
	processing aids (Antioxidant, Defoamer, Water, Preservative)	

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**Filter Wraps**

CAS <sup>1</sup>	Ingredient <sup>2</sup>	MUL <sup>3</sup>
various	cellulose	13.1
471-34-1	calcium carbonate	1.5
65996-62-5	starch and/or modified starches	0.4
9002-89-5	polyvinol	0.2
various	alkylketene dimer	0.05
863408-20-2	fluoropolymer acetate salt	0.05
9004-32-4	carboxymethylcellulose and its sodium salt	0.01
25212-19-5	epichlorhydrin resin	0.005
57-11-4	stearic acid	0.0001

## Footnotes

- 1 CAS Chemical Abstract Service Registry Number. This number is provided where available to identify the ingredient.
- 2 Ingredient International Union for Pure and Applied Chemistry (IUPAC) name or common chemical name of the ingredient, listed in decreasing order of MUL.
- 3 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 product weight.
- Processing Aid Facilitates the manufacturing of the tobacco product or its components and are either not present or occur in residual amount and have no function in the final product.