

List of Colorants in Cosmetic Products

This rule has been translated into English according to the original Chinese version. If there is any inconsistency or ambiguity between these two versions, the Chinese version shall prevail.

Explanation of Colorants Classification :

Class 1 : Colorants allowed in all cosmetic products

Class 2 : Colorants allowed in all cosmetic products except those intended to be applied in the vicinity of the eyes

Class 3 : Colorants allowed exclusively in cosmetic products intended not to come into contact with the mucous membranes

Class 4 : Colorants allowed exclusively in cosmetic products intended to come into contact only briefly with the skin

Number	Colour Index Number/ Ingredient Name	Alias Name	Scope of Application	Restriction
1	CI 10006	Pigment Green 8	4	
2	CI 10020	Acid Green 1 Ext. D&C Green No. 1 Naphthol Green B	3	Using in hair dye products is forbidden.
3	CI 10316	Acid Yellow 1 Ext. D&C Yellow No. 7 Naphthol Yellow S	2	
4	CI 11680	Pigment Yellow 1 Ext. D&C Yellow No. 5 Hansa Yellow G	3	
5	CI 11710	Pigment Yellow 3	3	
6	CI 11725	Pigment Orange 1 Hansa Yellow 3R	4	
7	CI 11920	Food Orange 3	1	Using in hair dye products is forbidden.
8	CI 12010	Solvent Red 3	3	Using in hair dye products is forbidden.
9	CI 12085	Pigment Red 4 D&C Red No. 36 Permanent Red	1	1. Limited content: 3% 2. Using in hair dye products is forbidden.

Number	Colour Index Number/ Ingredient Name	Alias Name	Scope of Application	Restriction
10	CI 12120	Pigment Red 3 D&C Red No. 35 Toluidine Red	4	
11	CI 12370	Pigment Red 112	4	Using in hair dye products is forbidden.
12	CI 12420	Pigment Red 7	4	
13	CI 12480	Pigment Brown 1	4	
14	CI 12490	Pigment Red 5	1	Using in hair dye products is forbidden.
15	CI 12700	Disperse Yellow 16	4	
16	CI 13015	Acid Yellow 9 Food Yellow 2 Fast Yellow	1	
17	CI 14270	Acid Orange 6	1	Using in hair dye products is forbidden.
18	CI 14700	Food Red 1 FD&C Red No. 4 Ponceau SX	1	Using in hair dye products is forbidden.
19	CI 14720	Acid Red 14 Food Red 3 Azorubin	1	
20	CI 14815	Food Red 2	1	
21	CI 15510	Acid Orange 7 D&C Orange No. 4 Orange II	2	
22	CI 15525	Pigment Red 68	1	
23	CI 15580	Pigment Red 51	1	
24	CI 15620	Acid Red 88 Ext. D&C Red No. 8 Fast Red S	4	

Number	Colour Index Number/ Ingredient Name	Alias Name	Scope of Application	Restriction
25	CI 15630	Pigment Red 49 D&C Red No. 10 Lithol Red Na Pigment Red 49:1 D&C Red No. 12 Lithol Red Ba Pigment Red 49:2 D&C Red No. 11 Lithol Red Ca Pigment Red 49:3 D&C Red No. 13 Lithol Red Sr	1	Limited content: 3%
26	CI 15800	Pigment Red 64 Pigment Red 64:1 D&C Red No. 31 Brilliant Lake Red R	3	Using in hair dye products is forbidden.
27	CI 15850	Pigment Red 57 D&C Red No. 6 Lithol Rubine B Pigment Red 57:1 D&C Red No. 7 Lithol Rubine B Ca	1	
28	CI 15865	Pigment Red 48 Permanent Red F5R	1	Using in hair dye products is forbidden.
29	CI 15880	Pigment Red 63 Pigment Red 63:1 D&C Red No. 34 Deep Maroon	1	Using in hair dye products is forbidden.
30	CI 15980	Food Orange 2	1	
31	CI 15985	Food Yellow 3 FD&C Yellow No. 6 Sunset Yellow FCF	1	
32	CI 16035	Food Red 17 FD&C Red No. 40 Allura Red Ac	1	
33	CI 16185	Food Red 9 Acid Red 27	1	Using in hair dye products is forbidden.

Number	Colour Index Number/ Ingredient Name	Alias Name	Scope of Application	Restriction
34	CI 16230	Acid Orange 10	3	
35	CI 16255	Acid Red 18 Food Red 7 New Coccine	1	
36	CI 16290	Food Red 8	1	
37	CI 17200	Acid Red 33 D&C Red No. 33 Fast Acid Magenta Food Red 12	1	
38	CI 18050	Acid Red 1 Food Red 10 Fast Crimson 1	3	
39	CI 18130	Acid Red 155	4	
40	CI 18690	Acid Yellow 121	4	
41	CI 18736	Acid Red 180	4	
42	CI 18820	Acid Yellow 11 Ext. D&C Yellow No. 3 Fast Light Yellow 3G	4	
43	CI 18965	Food Yellow 5	1	
44	CI 19140	Acid Yellow 23 FD&C Yellow No. 5 Tartrazine Food Yellow 4	1	
45	CI 20040	Pigment Yellow 16	4	
46	CI 20470	Acid Black 1 Solvent Brown 12 Naphthol Blue Black	4	
47	CI 21100	Pigment Yellow 13	4	Using in hair dye products is forbidden.
48	CI 21108	Pigment Yellow 83	4	
49	CI 21230	Solvent Yellow 29	3	Using in hair dye products is forbidden.
50	CI 24790	Acid Red 163	4	

Number	Colour Index Number/ Ingredient Name	Alias Name	Scope of Application	Restriction
51	CI 26100	Solvent Red 23 D&C Red No. 17 Sudan III	3	Using in hair dye products is forbidden.
52	CI 27755	Food Black 2	1	Using in hair dye products is forbidden.
53	CI 28440	Food Black 1	1	
54	CI 40215	Direct Orange 39	4	
55	CI 40800	beta, beta-Carotene Food Orange 5	1	
56	CI 40820	Food Orange 6	1	
57	CI 40825	Food Orange 7	1	
58	CI 40850	Food Orange 8	1	
59	CI 42045	Acid Blue 1	3	Using in hair dye products is forbidden.
60	CI 42051	Food Blue 5	1	Using in hair dye products is forbidden.
61	CI 42053	Food Green 3 FD&C Green No. 3 Fast Green FCF	1	Using in hair dye products is forbidden.
62	CI 42080	Acid Blue 7	4	
63	CI 42090	Food Blue 2 FD&C Blue No. 1 Brilliant Blue FCF Acid Blue 9 D&C Blue No. 4 Alphazurine FG	1	
64	CI 42100	Acid Green 9	4	
65	CI 42170	Acid Green 22	4	
66	CI 42520	Basic Violet 2	4	Limited content: 5 ppm
67	CI 42735	Acid Blue 104	3	
68	CI 44090	Food Green 4	1	
69	CI 45100	Acid Red 52 Acid Red	4	

Number	Colour Index Number/ Ingredient Name	Alias Name	Scope of Application	Restriction
70	CI 45190	Acid Violet 9 Ext. D&C Red No. 3 Violamine R	4	Using in hair dye products is forbidden.
71	CI 45220	Acid Red 50	4	
72	CI 45350	Acid Yellow 73 D&C Yellow No. 8 Uranine D&C Yellow No. 9 Uranine K D&C Yellow No. 7 Fluorescein	1	1. Limited content: 6% 2. Using in hair dye products is forbidden.
73	CI 45370	Acid Orange 11 Solvent Red 72 D&C Orange No. 5 Dibromofluorescein	1	Using in hair dye products is forbidden.
74	CI 45380	Acid Red 87 D&C Red No. 22 Eosine YS Acid Red 87 D&C Red No. 23 Eosine YSK Solvent Red 43 D&C Red No. 21 Tetrabromo Fluorescein	1	Using in hair dye products is forbidden.
75	CI 45396	Solvent Orange 16	1	Using in lip products: the limited content is 1%, and shall be used in free acid form.
76	CI 45405	Acid Red 98	2	
77	CI 45410	Acid Red 92 D&C Red No. 28 Phloxine BK Phloxine B Solvent Red 48 D&C Red No. 27 Tetrachloro tetrabromofluorecein	1	

Number	Colour Index Number/ Ingredient Name	Alias Name	Scope of Application	Restriction
78	CI 45430	Acid Red 51 FD&C Red No. 3 Erythrosine Food Red 14	1	Using in hair dye products is forbidden.
79	CI 47000	Solvent Yellow 33 D&C Yellow No. 11 Quinoline Yellow SS	3	Using in hair dye products is forbidden.
80	CI 47005	Acid Yellow 3 D&C Yellow No. 10 Quinoline Yellow WS	1	
81	CI 50325	Acid Violet 50	4	
82	CI 50420	Acid Black 2	3	Using in hair dye products is forbidden.
83	CI 51319	Pigment Violet 23	4	Using in hair dye products is forbidden.
84	CI 58000	Pigment Red 83	1	Using in hair dye products is forbidden.
85	CI 59040	Solvent Green 7 D&C Green No. 8 Pyranin Conc	3	Using in hair dye products is forbidden.
86	CI 60724	Disperse Violet 27	4	
87	CI 60725	Solvent Violet 13 D&C Violet No. 2 Alizarine Purple SS	1	Using in hair dye products is forbidden.
88	CI 60730	Acid Violet 43 Ext. D&C Violet No. 2 Alizarine Violet NR	3	
89	CI 61565	Solvent Green 3 D&C Green No. 6 Quinizarine Green SS	1	Using in hair dye products is forbidden.
90	CI 61570	Acid Green 25 D&C Green No. 5 Alizarine Cyanine Green	1	
91	CI 61585	Acid Blue 80	4	
92	CI 62045	Acid Blue 62	4	

Number	Colour Index Number/ Ingredient Name	Alias Name	Scope of Application	Restriction
93	CI 69800	Food Blue 4	1	
94	CI 69825	Pigment Blue 64 D&C Blue No. 9 Carbanthrene Blue	1	
95	CI 71105	Vat Orange 7	3	
96	CI 73000	Pigment Blue 66 D&C Blue No. 6 Indigo	1	
97	CI 73015	Acid Blue 74 FD&C Blue No. 2 Indigo Carmine	1	
98	CI 73360	D&C Red No. 30 Vat Red 1 Helindone Pink CN	1	Using in hair dye products is forbidden.
99	CI 73385	Vat Violet 2	1	
100	CI 73900	Pigment Violet 19	4	Using in hair dye products is forbidden.
101	CI 73915	Pigment Red 122	4	
102	CI 74100	Pigment Blue 16	4	
103	CI 74160	Pigment Blue 15 Phthalocyanine Blue	1	Using in hair dye products is forbidden.
104	CI 74180	Direct Blue 86	4	Using in hair dye products is forbidden.
105	CI 74260	Pigment Green 7 Phthalocyanine Green	2	Using in hair dye products is forbidden.
106	CI 75100	Natural Yellow 6 Crosetine	1	
107	CI 75120	Natural Orange 4 Annatto	1	
108	CI 75125	Natural Yellow 27 Lycopene	1	
109	CI 75130	Natural Yellow 26 Beta-Carotene	1	
110	CI 75135	Rubixanthin	1	
111	CI 75170	Natural White 1 Guanine	1	
112	CI 75300	Natural Yellow 3 Curcumin	1	

Number	Colour Index Number/ Ingredient Name	Alias Name	Scope of Application	Restriction
113	CI 75470	Natural Red 4 Carmine	1	
114	CI 75810	Natural Green 3 Sodium Copper Chlorophyllin Chlorophyllin-Copper Complex	1	
115	CI 77000	Aluminum Powder Pigment Metal 1	1	
116	CI 77002	Pigment White	1	
117	CI 77004	Pigment White 19 Kaolin Bentonite	1	
118	CI 77007	Pigment Blue 29 Ultramarine Blue	1	
119	CI 77015	Pigment Red 101 Pigment Red 102 Aluminum silicate coloured with ferric oxide	1	
120	CI 77019	Pigment White 20 Mica	1	
121	CI 77120	Pigment White 21	1	
122	CI 77163	Pigment White 14 Bismuth Oxychloride	1	
123	CI 77220	Pigment White 18 Calcium Carbonate	1	
124	CI 77231	Pigment White 25 Calcium Sulfate	1	
125	CI 77266	Pigment Black 6 Carbon Black	1	Using in CI 77266 (nano): 1. Particle size \geq 20 nm 2. Limited content: 10% 3. Using in a product that may be inhaled into the lungs is forbidden.

Number	Colour Index Number/ Ingredient Name	Alias Name	Scope of Application	Restriction
126	CI 77267	Pigment Black 9 Charcoal, bone	1	
127	CI 77268:1	Food Black 3 Coke Black	1	
128	CI 77288	Pigment Green 17 Chromium Oxide	1	
129	CI 77289	Pigment Green 18 Chromium Hydroxide	1	
130	CI 77346	Pigment Blue 28 Cobalt Aluminum Oxide	1	
131	CI 77400	Pigment Metal 2 Bronze Powder Copper Powder	1	
132	CI 77480	Pigment Metal 3 Gold Leaf	1	
133	CI 77489	Ferrous Oxide Iron Oxides	1	
134	CI 77491	Pigment Red 101 Red Iron Oxide	1	
135	CI 77492	Pigment Yellow 11 Yellow Iron Oxide	1	
136	CI 77499	Pigment Black 11 Black Iron Oxide	1	
137	CI 77510	Pigment Blue 27 Ferric Ferrocyanide	1	
138	CI 77713	Pigment White 18 Magnesium Carbonate	1	
139	CI 77742	Pigment Violet 16 Manganese Violet	1	
140	CI 77745	Manganese Phosphate	1	
141	CI 77820	Silver	1	
142	CI 77891 ⁽³⁾	Pigment White 6 Titanium dioxide	1	
143	CI 77947 ⁽⁴⁾	Zinc oxide	1	Using in a product that may be inhaled into the lungs is forbidden.
144	Lactoflavin	Riboflavin	1	

Number	Colour Index Number/ Ingredient Name	Alias Name	Scope of Application	Restriction
145	Caramel	Natural Brown 10	1	
146	Capsanthin, capsorubin		1	
147	Beetroot red		1	
148	Anthocyanins		1	
149	Aluminum stearate/ Zinc stearate / Magnesium stearate / Calcium stearate		1	
150	Bromothymol blue		4	
151	Bromocresol green		4	
152	Acid red 195		3	

※ Notes:

1. The lakes and salts formed by the listed colorants and non-prohibitive ingredients may also be used.
2. If any country or region in European Union, the United States or Japan has announced usage standard of the ingredient which is not listed in this chart (based on the effective date), this ingredient is permitted to use per the respective standard (excepted for CI11380 and 19 ingredients listed in the following chart). However, the standard of usage permission as a proven document should be attached when applying for registration.
3. The ingredient is used as non-colorants, it shall refer to the “Ingredients Restricted in Cosmetic Products.”
4. The ingredient is used as non-colorants, it shall refer to the “List of Specific Purpose Ingredients in Cosmetic Products.”

Number	Ingredient Name
1	CI 11380 (Solvent Yellow 5) (Ext. D& C Yellow No.9) (Oil Yellow AB)
2	CI 11390 (Solvent Yellow 6) (Ext. D& C Yellow No.10) (Oil Yellow OB)
3	CI 12100 (Solvent Orange 2) (Ext. D&C Orange No.4) (Orange SS)
4	CI 12140 (Solvent Orange 7) (Ext. D&C Red No.14) (Oil Red XO)
5	CI 12315 (Pigment Red 22) (Brilliant Fast Scarlet)
6	CI 13065 (Acid Yellow 36) (Ext. D& C Yellow No.1) (Metanil Yellow)
7	CI 14600 (Acid Orange 20) (Ext. D&C Orange No.3) (Orange I)
8	CI 16150 (Acid Red 26) (D&C Red No. 5) (Ponccar 2R)
9	CI 16155 (Food Red 6) (Ext. D&C Red No.15) (Ponccar 3R)
10	CI 18950 (Acid Yellow 40) (Ext. D&C Yellow No.4) (Polar Yellow 5G)
11	CI 21090 (Pigment Yellow 12) (Benzidine Yellow G)
12	CI 26105 (Solvent Red 24) (Scarlet Red N.F.)
13	CI 42052 (Na Salt) (Acid Blue 5) (D&C Blue No.7) (Patent Blue Na)
14	CI 42052:1 (Ca Salt) (Acid Blue 5) (D&C Blue No.8) (Patent Blue Ca)
15	CI 42085 (Acid Green 3) (FD&C Green No.1) (Guinea Green B)
16	CI 42095 (Acid Green 5) (D&C Green No.4) (Light Green SF)
17	CI 45440 (Na Salt) (Acid Red 94) (Rose Bengale)
18	CI 45440 (K-Salt) (Acid Red 94) (Rose Bengale k)
19	CI 61520 (Solvent Blue 63) (Suden Blue B)