



## Regulatory Information Sheet

### Color Additives Exempt from Certification Permitted for Use in the U.S.\*

Color	Color Index Number	CAS Number	21 CFR References			
			Food	Drug	Cosmetic	Medical Devices
Algae Meal (Dried)	--	--	<a href="#">73.275</a>	--	--	--
Algae Meal (Haematococcus)	--	--	<a href="#">73.185</a>	--	--	--
Alumina (Dried Aluminum Hydroxide)	77002	1332-73-6	--	<a href="#">73.1010</a>	--	--
Aluminum Powder	77000	7429-90-5	--	<a href="#">73.1645</a>	<a href="#">73.2645</a>	--
Annatto Extract	75120	8015-67-6	<a href="#">73.30</a>	<a href="#">73.1030</a>	<a href="#">73.2030</a>	--
Astaxanthin	--	--	<a href="#">73.35</a>	--	--	--
Astaxanthin Dimethylsuccinate	--	--	<a href="#">73.37</a>	--	--	--
Beta-Apo-8'-Carotenal	40820	1107-26-2	<a href="#">73.90</a>	--	--	--
Beta Carotene	40800	7235-40-7	<a href="#">73.95</a>	<a href="#">73.1095</a>	<a href="#">73.2095</a>	--
Beet Powder (Dehydrated Beets)	--	57917-55-2	<a href="#">73.40</a>	--	--	--
Bismuth Citrate	--	--	--	--	<a href="#">73.2110</a>	--
Bronze Powder	77440	7440-50-8 7740-66-6	--	<a href="#">73.1646</a>	<a href="#">73.2646</a>	--
Calcium Carbonate	77220	471-34-1	--	<a href="#">73.1070</a>	--	--
Canthaxanthin	40850	514-78-3	<a href="#">73.75</a>	<a href="#">73.1075</a>	--	--
Caramel	--	8028-89-5	<a href="#">73.85</a>	<a href="#">73.1085</a>	<a href="#">73.2085</a>	--
Carbazole Violet	51319	6358-30-1	--	--	--	<a href="#">73.3107</a>
Carmine	75470	1390-65-4	<a href="#">73.100</a>	<a href="#">73.1100</a>	<a href="#">73.2087</a>	--
Carrot Oil	--	8015-88-1	<a href="#">73.300</a>	--	--	--
Chlorophyll Copper Complex	75810	--	--	<a href="#">73.1125</a>	<a href="#">73.2125</a>	<a href="#">73.3110</a>
Chromium-Cobalt-Aluminum Oxide	77343	68187-11-1	--	<a href="#">73.1015</a>	--	<a href="#">73.3110a</a>
Chromium Hydroxide Green	77289	12182-82-0	--	<a href="#">73.1326</a>	<a href="#">73.2326</a>	--
Chromium Oxide Greens	77288	1308-38-9	--	<a href="#">73.1327</a>	<a href="#">73.2327</a>	<a href="#">73.3111</a>
C.I. Vat Orange 1	59105	--	--	--	--	<a href="#">73.3112</a>
Cochineal Extract	75470	1260-17-9	<a href="#">73.100</a>	<a href="#">73.1100</a>	--	--
Corn Endosperm Oil	--	--	<a href="#">73.315</a>	--	--	--
Copper Powder	77400	7440-50-6	--	<a href="#">73.1647</a>	<a href="#">73.2647</a>	--
1,4-Bis[(2-hydroxyethyl)amino]-9,10-anthracenedione bis(2-methyl-2-propenoic)ester copolymers	--	109561-07-1	--	--	--	<a href="#">73.3100</a>
1,4-Bis[(2-methylphenyl)amino]-9,10-anthracenedione	--	6737-68-4	--	--	--	<a href="#">73.3105</a>
1,4-Bis[4-(2-methacryloxyethyl)phenylamino]anthraquinone copolymers	--	121888-69-5	--	--	--	<a href="#">73.3106</a>
2-[[2,5-Diethoxy-4-[(4-methylphenyl)thiol]phenyl]azo]-1,3,5-benzenetriol	--	--	--	--	--	<a href="#">73.3115</a>
16,23-Dihydrodinaphtho[2,3-a:2',3'-i] naphth [2',3':6,7] indolo [2,3-c] carbazole-5,10,15,17,22,24-hexone	70800	2475-33-4	--	--	--	<a href="#">73.3117</a>
N,N'-(9,10-Dihydro-9,10-dioxo-1,5-anthracenediyl) bisbenzamide	61725	82-18-8	--	--	--	<a href="#">73.3118</a>
7,16-Dichloro-6,15-dihydro-5,9,14,18-anthrazinetetrone	69825	130-20-1	--	--	--	<a href="#">73.3119</a>
16,17-Dimethoxydinaphtho [1,2,3-cd:3',2',1'-lm] perylene-5,10-dione	59825	128-58-5	--	--	--	<a href="#">73.3120</a>
4-[(2,4-dimethylphenyl)azo]-2,4-dihydro-5-methyl-2-phenyl-3H-pyrazol-3-one	--	6407-78-9	--	--	--	<a href="#">73.3122</a>



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Dihydroxyacetone	--	62147-49-3	--	<a href="#">73.1150</a>	<a href="#">73.2150</a>	--
Disodium EDTA-Copper	--	--	--	--	<a href="#">73.2120</a>	--
Disodium 1-amino-4-[[4-[(2-bromo-1-oxoallyl)amino]-2-sulfonatophenyl]amino]-9,10-dihydro-9,10-dioxoanthracene-2-sulfonate	--	--	--	--	--	<a href="#">73.3129</a>
6-Ethoxy-2-(6-ethoxy-3-oxobenzo[b]thien-2(3H)-ylidene) benzo[b]thiophen-3(2H)-one	73335	3263-31-8	--	--	--	<a href="#">73.3123</a>
Ferric Ammonium Citrate	--	1185-57-5	--	<a href="#">73.1025</a>	--	--
Ferric Ammonium Ferrocyanide	77510	25869-00-5	--	<a href="#">73.1298</a>	<a href="#">73.2298</a>	--
Ferric Ferrocyanide	77510	14038-43-8	--	<a href="#">73.1299</a>	<a href="#">73.2299</a>	--
Ferrous Gluconate	--	299-29-6	<a href="#">73.160</a>	--	--	--
Ferrous Lactate	--	5905-52-2	<a href="#">73.165</a>	--	--	--
Fruit Juice	--	--	<a href="#">73.250</a>	--	--	--
Grape Color Extract	--	--	<a href="#">73.169</a>	--	--	--
Grape Skin Extract (Enocianina)	--	--	<a href="#">73.170</a>	--	--	--
Guaiazulene	--	489-84-9	--	--	<a href="#">73.2180</a>	--
Guanine	75170	6894-0 73-40-5	--	<a href="#">73.1329</a>	<a href="#">73.2329</a>	--
Henna	75480	83-72-7	--	--	<a href="#">73.2190</a>	--
Lead Acetate	--	6080-56-4	--	--	<a href="#">73.2396</a>	--
Logwood Extract	75290	8005-33-2	--	<a href="#">73.1410</a>	--	--
Manganese Violet	77742	10101-66-3	--	--	<a href="#">73.2775</a>	--
Mica	77019	12001-26-2	--	<a href="#">73.1496</a>	<a href="#">73.2496</a>	--
Mica-based Pearlescent Pigment	--	--	<a href="#">73.350</a>	<a href="#">73.1350</a>	--	<a href="#">73.3128</a>
Paprika	--	--	<a href="#">73.340</a>	--	--	--
Paprika Oleoresin	--	68917-78-2	<a href="#">73.345</a>	--	--	--
Paracoccus Pigment	--	--	<a href="#">73.352</a>	--	--	--
Phaffia Yeast	--	977165-85-7	<a href="#">73.355</a>	--	--	--
Potassium Sodium Copper Chlorophyllin	75810	--	--	<a href="#">73.1125</a>	<a href="#">73.2125</a>	--
Phthalocyanine Green	74260	1328-53-6	--	--	--	<a href="#">73.3124</a>
Poly(hydroxyethyl methacrylate)-Dye Copolymers	--	--	--	--	--	<a href="#">73.3121</a>
Pyrogallol	76515	87-66-1	--	<a href="#">73.1375</a>	--	--
Pyrophyllite	44004	8047-76-5	--	<a href="#">73.1400</a>	<a href="#">73.2400</a>	--
Riboflavin	--	83-88-5	<a href="#">73.450</a>	--	--	--
Saffron	75100	977051-90-3	<a href="#">73.500</a>	--	--	--
Silver	77820	7440-22-4	--	--	<a href="#">73.2500</a>	--
Spirulina Extract	--	--	<a href="#">73.530</a>	<a href="#">73.1530</a>	--	--
Sodium Copper Chlorophyllin	75815	28302-36-5	<a href="#">73.125</a>	--	--	--
(Synthetic) Iron Oxides						
Red	77491	1309-37-1	<a href="#">73.200</a>	<a href="#">73.1200</a>	<a href="#">73.2250</a>	<a href="#">73.3125</a>
Yellow	77492	51274-00-1				
Black	77499	1317-61-9				
Tagetes (Aztec marigold) Meal and Extract	--	--	<a href="#">73.295</a>	--	--	--
Talc	77019	14807-96-6	--	<a href="#">73.1550</a>	--	--
Toasted Partially Defatted Cooked Cottonseed Flour	--	--	<a href="#">73.140</a>	--	--	--
Titanium Dioxide	77891	13463-67-7	<a href="#">73.575</a>	<a href="#">73.1575</a>	<a href="#">73.2575</a>	<a href="#">73.3126</a>
Tomato Lycopene Extract and Concentrate	--	--	<a href="#">73.585</a>	--	--	--
Turmeric	75300	458-37-7	<a href="#">73.600</a>	--	--	--
Turmeric Oleoresin	75300	458-37-7	<a href="#">73.615</a>	--	--	--
Ultramarine Blue	77007	57455-37-5	<a href="#">73.50</a>	--	<a href="#">73.2725</a>	--



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			Food	Drug	Cosmetic	Medical Devices
Ultramarine Green	77013	--	--	--	<a href="#">73.2725</a>	--
Ultramarine Pink	77007	127-96-9	--	--	<a href="#">73.2725</a>	--
Ultramarine Red	77007	127-96-9	--	--	<a href="#">73.2725</a>	--
Ultramarine Violet	77007	127-96-9	--	--	<a href="#">73.2725</a>	--
Vegetable Juice	--	--	<a href="#">73.260</a>	--	--	--
Vinyl Alcohol/Methyl Methacrylate-Dye Reaction Products	--	--	--	--	--	<a href="#">73.3127</a>
Zinc Oxide	77947	1314-13-2	--	<a href="#">73.1991</a>	<a href="#">73.2991</a>	--
Luminescent Zinc Sulfide	--	--	--	--	<a href="#">73.2995</a>	--

\*Based on 21 CFR current as of November 16, 2018. Restrictions may exist limiting the use of some of these colors to specific applications (i.e. external drug use only, etc.). Additionally, there may be quantitative limits for the use of some colors. The specific 21 CFR reference(s) for each color should be reviewed to determine potential restriction status.

The information contained herein, to the best of our knowledge is true and accurate. Any recommendations or suggestions are made without warranty or guarantee, since the conditions of use are beyond our control. Any information contained herein is intended as a recommendation for use of our products so as not to infringe on any patent.

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