

## List of dyes, colours and pigments permitted in cosmetics

<sup>1</sup>[**134. *Cosmetic to contain Dyes, Colours and Pigments.***- No Cosmetic shall contain Dyes, Colours and Pigments other than those specified by the Bureau of Indian Standards (IS:4707 Part 1 as amended) and Schedule Q.

The permitted Synthetic Organic Colours and Natural Organic Colours used in the Cosmetic shall not contain more than:-

- (i) 2 parts per million of arsenic calculated as arsenic trioxide.
- (ii) 20 parts per million of lead calculated as lead.
- (iii) 100 parts per million of heavy metals other than lead calculated as the total of the respective metals.]

<sup>1</sup>[**144. *Prohibition of manufacture of cosmetics containing colours other than those prescribed.***- No Cosmetic shall be manufactured which contains Dyes, Colours and Pigments other than the one specified by the Bureau of Indian Standards (IS: 4707 Part I as amended) and Schedule Q.

The permitted Synthetic Organic colours and Natural Organic colours used in the Cosmetic shall not contain more than—

- (i) 2 parts per million of arsenic calculated as arsenic trioxide.
- (ii) 20 parts per million of lead calculated as lead.
- (iii) 100 parts per million of heavy metals other than lead calculated as the total of the respective metals.]

**145. *Use of Lead and Arsenic compounds for the purpose of colouring cosmetics prohibited.***—The use of Lead and Arsenic compounds for the purpose of colouring cosmetics is prohibited.

<sup>1</sup>[SCHEDULE Q

(See rules 134 and 144)

<sup>2</sup>[PART I]<sup>3</sup>[LIST OF DYES, COLOURS AND PIGMENTS PERMITTED TO BE USED IN COSMETICS AND SOAPS AS GIVEN UNDER IS : 4707

## (PART I)-1988

(AS AMENDED BY THE BUREAU OF INDIAN STANDARDS)

<i>Common name of the colour</i>	<i>Colour Index Number</i>	<i>Chemical name of the colour</i>
1	2	3
Guinea Green B	42085	Monosodium salt of 4-(N-ethyl-p-sulfobenzylamino)-diphenylmethylo- (1-(N-ethyl-N-p-sulfoniumbenzyl)Δ 2,5-cyclohexadienimine).
Light Green SF Yellowish	42095	Disodium salt of 4-[4-(N-ethyl-p-sulfobenzylamine)-phenyl]-4-sulphoniumphenyl) methylene]-2-(N-ethyl-N-sulfobenzyl) Δ 2,5-Cyclohexadienimine.
Tartrazine	19140	Trisodium salt of 3-carboxy-5-hydroxy-1-p-sulfophenyl-4-p-sulfophenylazo-pyrazole.
Sunset yellow FCF	15985	Disodium salt of 1-p-sulfophenylazo-2-naphthol-6-sulfonic acid.
Ponceau 3R	16155	Disodium salts of a mixture of 1-alkyl- phenylazo-2-naphthol 3, 6-disulfonic acids.
Amarnath.	16185	Trisodium salt of 1-(4-sulfo-1-naphthylazo) 2-naphthol 3, 6-disulfonic acid.
Erythrosine.	45430	Disodium salt of 9-0-carboxyphenyl-6-hydroxy 2,4,5, 7-tetraido-3-isoxanthone.
Ponceau SX.	14700	Disodium salt of 2-(5 sulfo-2, 4-xyllyl- azo)-1-naphthol-4-sulfonic acid.
Brilliant Blue FCF	42090	Disodium salt of 4-(9-4-(N-ethyl-p-sulfobenzylamino)-phenyl)-2-sulfonium phenyl)- methylene)-(1-(N-ethyl-N-p-sulfobenzyl)-Δ 2, 5-cyclohexadienimine).
Indigocarmine.	73015	Disodium salt of 5,5'-indigotindisulfonic acid.
Wool Violet 5 BN (Acid- violet 6B)	42640	Monosodium salt of 4-(N-ethyl-p-sulfobenzylamino)-phenyl)-(4-(N-ethyl-p-(sulfonium-benzylamine)-phenyl) methylene)-(N, N-dimethyl-Δ 2,5-cyclohexadienimine)
Light Green SF Yellowish	42095	Calcium salt of 4-(4-(N-ethyl-p-sulfobenzyl) (minophenyl) (4-sulfonium-phenyl)methylene), (1-(N-ethyl-N-p-sulfobenzyl)-Δ2,5-cyclohexadienimine).

1. Inserted by Notification F.-1-36/64 D, dated 17.8.1964.

2. Renumbered as Part I by G.S.R. 11(E), dated 7.1.1991.

3. Substituted by G.S.R. 811(E), dated 14.11.1994.

1	2	3
Alizarin Cyanine Green F	61570	Disodium salt of 1,4-bis (O-sulfo-p-toluino) anthraquinone
Quinazarine Green SS	61565	1,4-bis-(p-Toluino)-anthraquinone
Fast Green FCF	42053	Disodium salt of 4-(4-(ethyl-p-sulfo-benzylamino)-phenyl) (4-hydroxy-2 sulphoniumphenyl) methylene)-(1-N-ethyl-N-p-sulfo-benzyl) Δ 2, 5, cyclohexadienimine).
Acid Fast Green	42100	Monosodium salt of 4-(4-N-ethyl-p-sulfo-benzylomino) phenyl)-(o-chlorophenyl)-methylene)- 1-(N-ethyl-N- p-sulfonium-benzyl- Δ 2,5, cyclohexadienimine).
Pyranine Concentrated	59040	Trisodium salt of 10-hydroxy-,3,5,8-pyrene-trisulfonic acid.
Quinoline Yellow WS	47005	Disodium salt of disulfonic acid of 2-(2-Quinoly)-1, 3-indandione.
Quinoline Yellow SS	47000	2-(2-quinoly)-1, 3 indandiene.
Ponceau 2 R	16150	Disodium salt of 1-xylylazo-2-naphthol-3, 6-disulfonic acid.
Lithol Rubin B.	15850	Monosodium salt of 4-(o-sulfo-p-tolylazo)3 hydroxy-2-naphthoic acid.
Lithol Rubin BCA	15850	Calcium salt of 4-(o-sulfo-p-tolylazo)-3-hydroxy-2-naphthoic acid
Lake Red D.	15500	Monosodium salt of 1-0-carboxyphenylazo-2-naphthol.
Lake Red DBA	15500	Barium salt of 1-o-carboxyphenylazo-2-naphthol.
Lake Red DCA.	15500	Calcium salt of 1-o-carboxyphenylazo-2-naphthol.
Toney Red.	26100	I-p-phenylazophenylazo-2-naphthol.
Oil Red OS.	26125	I-Xylylazoxylylazo-2-naphthol
Tetrabromofluorescein	45380	2,4,5,7-Tetrabromo-3, 6-flurandiol.
Eosin TS	45380	Disodium salt of 2,4,5,7-tetrabromo-9-0 carboxyphenyl-6-hydroxy-3-isoxanthone.
Eosin YSK.	45380	Dipotassium salt of 2,4,5,7-tetrabromo-9-0 carboxyphenyl-6-hydroxy-3-isoxanthone
Tetrachlorofluorescein NA	45366	2,4,5,7- tetrachloro-S, 6-Fluorandiol
Tetrachlorofluorescein K.	45366	Disodium salt of 9-0-carboxyphenyl-2,4,5,7-tetrachloro-6-hydroxy-3-isoxanthone.
Tetrachloro Tetrabromo fluorescein	45410	2,4,5,7-Tetrabromo-12,13,14,15-tetrachloro-3, 6-fluorandiol.
Phloxine B	45410	Disodium salt of 2,4,5,7-tetrabromo-9 (3,4,5,6-tetra chloro-o-carboxyphenyl)-6-hydroxy-3-isoxanthone
Bluish Orange T.R.	45457	1,4,5,8, 15-Pentabromo-2, 7-dicarboxy-3, 6-fluoran diol.
Helindone Pink CN.	73360	5, 5-Dichloro-3, 3' dimethyl-thioindigo

1	2	3
Deep Maroon (Fanchon Maroon)	15880	Calcium salt of 4-(I-sulfo-2-naphthylazo 3- hydroxy-2-naphthoic acid.
Toluidine Red. .	12120	1-(o-Nitro-p-tolylazo)-2-naphthol.
Flaming Red.	12085	I- (o-Chloro-p-nitrophenylazo)-2-naphthol
Deep Red (Maroon).	12350	3-Hydroxy-N- (m-nitrophenyl)-4-(o-nitro-p-tolylazo)-2-naphthamide.
Alba Red.	13058	o-(p,β,β-Dihydroxy-diethylamino)- phenylazo)-benzoic acid.
Orange G.	16230	Disodium salt of 1-phenylazo-2-naphthol-6-8-disulfonic acid.
Orange II	15510	Monosodium salt of 1-p-sulfophenylazo-2-naphthol.
Dichlorofluorescein	45365	4,5-Dichloro-3, 6-fluorandiol.
Dichlorofluorescein. NA	45365	Disodium salt of 9-o-carboxyphenyl-1-4,5- dichloro-6-hydroxy-3-isoxanthone
Diiodofluorescein.	45425	4,5 –Diiodo-3, 6-fluorandiol
Erythrosine Yellowish NA.	45425	Disodium salt of 9-o-carboxyphenyl-6- hydroxy-4, 5-diiodo-3-isoxanthone.
Erythrosine Yellowish K.	45425	Dipotassium salt of 9-o-carboxyphenyl-6-hydroxy-4, 5-diiodo-3-isoxanthone.
Erythrosine Yellowish NH	45425	Dipotassium salt of 9-o-carboxyphenyl-6-hydroxy-4, 5-diiodo-3-isoxanthone
Orange TR	45456	4,5, 15-Tribromo 2, 7-dicarboxy-3, 6- fluorandiol.
Alizarin.	58000	1,2- Anthraquinonediol.
Dibromodiiodofluorescein.	45371	4 ,5- Dibromo-2, 7-diiodo-3, 6-fluorandiol.
<sup>1</sup> [***]		
Alphazurine FG.	42090	Diammonium salt of 4-(N-ethyl-p- sulfobenzyl amino)-phenyl)-(2-sulfoniumphenyl)-Methylene)-(1 (N-ethyl-N-p-sulfobenzyl) Δ 2 ,5-cyclohexadienimine).
Allarin Astrol B.	61530	Monosodium salt of 1-methylamino-4-(o-sulfo-p-toluino)-anthroquinone.
Indigo.	73000	Indigotin.
Patent Blue NA. .	42052	Monosodium salt of 4-(4- (N-ethyl- benzyl-amino)-phenyl – (5-hydroxy-4-sulfo-2-sulfoniumphenyl-methylene)(N-ethyl-Benzyl- Δ 2, 5-cyclohexadienimine).
Patent Blue CA.	42052	Calcium salt of 4-(4- (N-ethyl- benzyl-amino)-phenyl)-(5 hydroxy-4-sulfo-2-sulfoniumphenyl, methylene)- (N-ethyl-N-benzyl- Δ 2- 5-cyclohexadienimine).
Carbrantherene Blue	69825	3, 3- Dichloroindanthrene.

1	2	3
Naphthol Blue Black	20470	Disodium salt of 8-amino-7-p- nitrophenylazo 3-phenylazo-1- naphthol-3, 6-disulfonic acid
Alizurool purple SS	60725	I-hydroxy-4-p-toluino-anthraquinone.
Acid Red 89	23910	----
Acid Red 97	22890	----
Acid Blue 1	42045	----
Food Blue 3	42045	----
Natural Orange	75480	----
Solvent Blues 4	44045	----
Solvent Yellow 18	12740	----
Food Yellow 12.	12740	----
<sup>1</sup> [***]		----
Solvent Yellow 32.	48045	----
Fanchon Yellow (Hansa Yellow G).	11680	( $\alpha$ ) -(O-Nitro-p-tolylazo) acetoacetanilide

<sup>2</sup>[Part II

## LIST OF COLOURS PERMITTED TO BE USED IN SOAPS.

<i>Common name of the Colour</i>	<i>Colour Index No.</i>	<i>Chemical name of the colour</i>
Phthalocyanine Blue	74160	(phthalocyninate (2--)) copper.
Iragalite Red CVPB Paste or Pigment Orange 5	12075	1-(2,4-dinithro phenylazo)-2-Naphthalenol.
Citrus Red No.2.	12156	1-2(2,5-dimethoxy phenylazo) 2-naphthol.
Rhodamine B 500	45170	3-ethochloride of 9-0 carboxy-ethenyl-6-diethylamino-3-ethylamine-3-isoxanthene.
Aqueous Green Paste	74260	Polychloro copper Phthalocyanine.
Pigment Yellow 3	11710	2-(4-Chloro-2-nitrophenyl)-azo-N-(-2-Chloro-phenyl)-3- Oxobutamide.
Irgalite Carmine F-P Powder or Pigments Red 5.	12490	N-(5-Chloro-2, 4-dimethoxy-phenyl)-4-(CS-diethylamine) Sulfonyl-2-methoxyphenyl)azo-3-hydroxy-2-naphthalene carboxamide.
Monolite Red 4R HV Paste or Pigment Red 7.	12420	N-(4-Chloro-2-methylphenyl-4-(-4-Chloro-2-methylphenyl) Azo 3-hydroxy-2-naphthalenol Carboxamide.
Oil Red No.1 or Solvent Red 24 or Oil Red 3R.	26105	4-0-Tolylazo-Toluidine azo 2-naphthalenol.]

\*This list of colour for use in soaps is in addition to those colours already given in Schedule Q and are used for soaps.]

1. Omitted by G.S.R. 203(E) dated 18-03-2015

2. Ins. by G.S.R. 11(E), dt. 7.1.1991.