



Available In  
**100**  
Countries



## Dyes, Lakes, and Iron Oxides For Pharmaceutical Industry










NEELIKON

A product by *ColoursGlobal*

Revision No. 6 (2024)

## Water Soluble


Product Name	Common Name	C.I. No *	Indicative Shade**	One World One Quality	Status in					Stability to			Maximum Solubility in Water gms/ 100 ml at 28 °C
					India	EC	USA	Japan	China	pH	Light	Heat °C (Maximum)	
D&C Green 5	Alizarine Cyanine Green F	61570			✓	✗	✓	✓	✗	1 - 12	6	200	2.8
FD&C Green 3	Fast Gren FCF	42053		N.A	✓	✗	✓	✓	✗	2 - 9	3	250	6
FD&C Yellow 5	Tartrazine	19140			✓	✓	✓	✓	✓	3 - 11	6	210	20
Quinoline Yellow	—	47005		N.A	✓	✓	✗	✓	✓	1 - 9	5	250	20
D&C Yellow 10	—	47005			✗	✗	✓	✓	✗	4 - 9	5	250	12
FD&C Yellow 6	Sunset Yellow FCF	15985			✓	✓	✓	✓	✓	1 - 9	6	210	12
FD&C Red 3	Erythrosine	45430		N.A	✓	✓	✓	✓	✓	5 - 11	2	210	5
FD&C Red 4	Ponceau SX	14700			✗	✗	✓	✓	✗	1 - 9	6	200	5
D&C Red 22	Eosine YS (Na Salt)	45380			✓	✗	✓	✓	✗	5 - 9	4	250	24
D&C Red 28	Phloxine (Na Salt)	45410			✗	✗	✓	✓	✗	4 - 10	4	250	40
D&C Red 33	Acid Red 33	17200			✗	✗	✓	✓	✓	5 - 8	4	210	4
FD&C Red 40	Allura Red AC	16035			✗	✗	✓	✗	✓	2 - 10	5	210	22
Ponceau 4R	—	16255		N.A	✓	✓	✗	✓	✓	1 - 10	6	250	22
Carmoisine	—	14720			✓	✓	✗	✗	✗	4 - 8	5	210	12
Amaranth	—	16185		N.A	✗	✓	✗	✓	✓	2 - 9	5	200	10
FD&C Blue 1	Brilliant Blue FCF	42090			✓	✓	✓	✓	✓	3 - 11	5	180	13
FD&C Blue 2	Indigo Carmine	73015		N.A	✓	✓	✓	✓	✓	2 - 10	1	200	1
Patent Blue V	—	42051			✗	✓	✗	✓	✗	4 - 12	7	200	8.9
Orange G	—	16230		N.A	✓	✗	✗	✗	✗	3 - 10	4	210	20

Product Name	Common Name	C.I. No *	Indicative Shade**	One World One Quality	Status in					Stability to			Maximum Solubility in Water gms/ 100 ml at 28 °C
					India	EC	USA	Japan	China	pH	Light	Heat °C (Maximum)	
D&C Yellow 8	Uranine (Na Salt)	45350			✗	✗	✓	✓	✗	6 - 12	4	210	10
D&C Green 8	Solvent Green 7/Pyranine	59040			✗	✗	✓	✓	✗	6 - 9	3	210	26
D&C Orange 4	Orange II	15510			✗	✗	✓	✓	✗	2 - 10	4	250	10
Black PN	—	28440			✗	✓	✗	✗	✗	3 - 7	6	250	5
Naphthol Blue Black	—	20470		N.A	✓	✗	✗	✓	✗	1 - 10	5	150	1







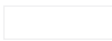

## Solvent Soluble

Product Name	Common Name	C.I. No *	Indicative Shade**	One World One Quality	Status in					Stability to			Maximum Solubility in Water gms/ 100 ml at 28 °C
					India	EC	USA	Japan	China	pH	Light	Heat °C (Maximum)	
D&C Green 6	Quinizarin Green SS	61565			✓	✗	✓	✓	✗	N.A	7	100	Insoluble
D&C Orange 5	Di bromo Fluorescein	45370:1			✗	✗	✓	✓	✗	N.A	7	150	Insoluble
D&C Red 17	Toney Red / Solvent Red 23	26100			✓	✗	✓	✓	✗	N.A	7	100	Insoluble
D&C Red 27	Phloxine B (Acid Form)	45410:1			✗	✗	✓	✓	✗	N.A	4	250	Insoluble
D&C Violet 2	Solvent Violet 13	60725			✗	✗	✓	✓	✗	N.A	7	150	Insoluble
D&C Yellow 11	Quinoline Yellow SS	47000			✗	✗	✓	✓	✗	N.A	7	100	Insoluble

## Lakes

Product Name	Common Name	C.I. No *	Indicative Shade**	One World One Quality	Status in					Stability to			Maximum Solubility in Water gms/ 100 ml at 28 °C
					India	EC	USA	Japan	China	pH	Light	Heat °C (Maximum)	
FD&C Yellow 5 Lake	Tartrazine Lake	19140:1			✓	✓	✓	✓	✓	4 - 6	6	150	Insoluble
D&C Yellow 10 Lake	—	47005:1			✗	✗	✓	✓	✗	3.50 - 5.50	7	150	Insoluble
Quinoline Yellow Lake	—	47005:1			✓	✓	✗	✓	✓	4 - 6	7	150	Insoluble
FD&C Yellow 6 Lake	Sunset Yellow FCF Lake	15985:1			✓	✓	✓	✓	✓	4 - 6	6	100	Insoluble
Erythrosine Lake	—	45430:1			✓	✓	✗	✓	✓	3.50 - 5.50	2	150	Insoluble
D&C Red 21 Lake	Eosine Lake	45380:3			✓	✗	✓	✗	✗	3.50 - 5.50	5	100	Insoluble
D&C Red 27 Lake	Phloxine Lake	45410:2			✗	✗	✓	✗	✗	3.50 - 5.50	5	100	Insoluble
FD&C Red 40 Lake	Allura Red Lake	16035:1			✓	✗	✓	✗	✓	3.50 - 5.50	5	100	Insoluble
Ponceau 4R Lake	—	16255:1			✓	✓	✗	✗	✓	4 - 5	6	100	Insoluble
Carmoisine Lake	—	14720:1			✓	✓	✗	✗	✗	3 - 5.50	5	100	Insoluble
Amaranth Lake	—	16185:1			✗	✓	✗	✓	✓	3 - 6	5	100	Insoluble
FD&C Blue 1 Lake	Brilliant Blue FCF Lake	42090:2			✓	✓	✓	✓	✓	4 - 5.50	5	100	Insoluble
FD&C Blue 2 Lake	Indigo Carmine Lake	73015:1			✓	✓	✓	✓	✓	3 - 7	1	200	Insoluble
Patent Blue V Lake	—	42051:1			✗	✓	✗	✗	✗	4 - 5.50	7	150	Insoluble


## Pigments (Inorganic)

Product Name	Common Name	C.I. No *	Indicative Shade**	One World One Quality	Status in					Stability to			Maximum Solubility in Water gms/ 100 ml at 28°C
					India	EC	USA	Japan	China	pH	Light	Heat °C (Maximum)	
Red Iron Oxide	Red Iron Oxide	77491			✓	E-172	✓	✗	✓	3 - 7	7	200	Insoluble
Yellow Iron Oxide	Yellow Iron Oxide	77492			✓	E-172	✓	✗	✓	6 - 12	7	200	Insoluble
Black Iron Oxide	Black Iron Oxide	77499			✓	E-172	✓	✗	✓	1 - 12	7	150	Insoluble
Titanium Dioxide	Titanium Dioxide	77891			✓	✗	✓	✗	✓	4 - 11	7	150	Insoluble

## Pigments (Organic)

Product Name	Common Name	C.I. No *	Indicative Shade**	One World One Quality	Status in					Stability to			Maximum Solubility in Water gms/ 100 ml at 28°C
					India	EC	USA	Japan	China	pH	Light	Heat °C (Maximum)	
D&C Red 30	Helindone Pink CN	73360			✗	✗	✓	✓	✗	1 - 12	6	150	Insoluble
D&C Red 34	Deep Maroon	15880:1			✗	✗	✓	✓	✗	2 - 12	5	200	Insoluble
D&C Red 36	Fleming Red	12085			✗	✗	✓	✓	✗	1 - 12	6	100	Insoluble

## Legends

 = One World One Quality products are High Purity Colours with low impurities which will meet appropriate legislation of JECFA, USA, Europe, Japan, China and India where applicable.

✓ = Permitted

✗ = Not Permitted

N.A = Not Applicable

NTE (not to exceed) 5 mg/daily dose of drug.

**Note:- Stability to Light fastness is measured on the scale of 1 to 8 :** Excellent= 8, Very Good = 7, Good = 6, Moderate = 5, Very Fair = 4, Fair = 3, Poor = 2, Very Poor = 1.

\*We request clients to check with their appropriate legislative authorities before using any of our products in their intended application or you may write to us at our technical services department at Mumbai - India.

\*\*Shades depicted here are for reference only. Clients are advised to check samples for shade matching.

### Disclaimer :

Neelikon realizes that it is serving an ever-changing marketplace, therefore legislation and new development may cause the information contained herein to require updating. We request clients to re-check internally with their appropriate technical department and with their appropriate legislative authorities before using any of our suggested formulations or any of our products in their intended application. Neelikon makes no representation or warranty of any kind, express or implied including merchantability, suitability, or fitness. Customer is responsible to independently determine suitability of Neelikon's products and formulations in their intended application. Customer shall also be responsible for obtaining third-party intellectual property licenses that may be required, if any.



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**Food Dyes & Chemicals Ltd.**  
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