

**Your First Source
Solution
for
Food, Drug
&
Cosmetic Colors**



**Corporate: 1524 S. Commercial Street
Neenah, WI 54956-4802**

**Lab/Mfg: 11725 W. Fairview Avenue
Milwaukee, WI 53226-3948**

**Phone: 920-886-0444
Fax: 920-886-1424**

**For further information
Check out our web site: www.fsw.cc
or
Email: fsw@fsw.cc**

FOOD

**FD&C Yellow 5 Powder
FD&C Yellow 5 Granules
FD&C Yellow 5 Liquid**

**FD&C Yellow 6 Powder
FD&C Yellow 6 Granules
FD&C Yellow 6 Liquid**

**FD&C Red 3 Powder
FD&C Red 3 Granules**

**FD&C Red 40 Powder
FD&C Red 40 Granules
FD&C Red 40 Liquid**

**FD&C Blue 1 Powder
FD&C Blue 1 Granules
FD&C Blue 1 Liquid**

FD&C Blue 2 Powder

FD&C Green 3 Powder

COLORS

SOLUBILITY/STABILITY						
Common Name	Color Index	CAS Number	H ₂ O	ACL	GLY	PG
Tartrazine	Food Yellow 4 (19140)	1934-21-0	20	0	18	7

Stable in most acid mediums such as citric, acetic, malic and tartaric acid. Stable in basic mediums such as sodium bicarbonate, sodium carbonate, and ammonium hydroxide except for sodium hydroxide where it presents considerable fading.

SOLUBILITY/STABILITY						
Common Name	Color Index	CAS Number	H ₂ O	ACL	GLY	PG
Sunset Yellow	Food Yellow 3 (15985)	2783-94-0	19	0	20	2

Stable in most acid mediums such as citric, acetic, malic and tartaric acid. Stable in basic mediums such as sodium bicarbonate, sodium carbonate, and ammonium hydroxide except for sodium hydroxide where it presents considerable fading.

SOLUBILITY/STABILITY						
Common Name	Color Index	CAS Number	H ₂ O	ACL	GLY	PG
Erythrosine	Food Red 14 (45430)	16423-68-0	9	0	20	20

Non stable in acid medium. Stable in 10% sodium bicarbonate, slight fade in presence of sodium carbonate, and ammonium hydroxide. Fades completely in presence of sodium hydroxide.

SOLUBILITY/STABILITY						
Common Name	Color Index	CAS Number	H ₂ O	ACL	GLY	PG
Allura Red	Food Red 17 (16035)	25956-17-6	18	0	3	1

Stable in most acid mediums such as citric, acetic, malic and tartaric acid. Turns bluish in 10% sodium bicarbonate, slight blue in presence of sodium carbonate and ammonium hydroxide and very blue in presence of sodium hydroxide.

SOLUBILITY/STABILITY						
Common Name	Color Index	CAS Number	H ₂ O	ACL	GLY	PG
Brilliant Blue FCF	Food Blue 2 (42090)	3844-45-9	20	0	20	20

Stable in acid mediums, slight fade in 10% sodium bicarbonate, fades in the presence of sodium carbonate and sodium hydroxide. Considerable fade in presence of ammonium hydroxide.

SOLUBILITY/STABILITY						
Common Name	Color Index	CAS Number	H ₂ O	ACL	GLY	PG
Indigo Carmine	Food Blue 1 (73015)	860-22-0	2	3	18	20

Considerable fade in acid mediums. Fades completely in basic mediums such as sodium bicarbonate, sodium carbonate and ammonium hydroxide. Turns yellowish in presence of sodium hydroxide.

SOLUBILITY/STABILITY						
Common Name	Color Index	CAS Number	H ₂ O	ACL	GLY	PG
Fast Green FCF	Food Green 3 (42053)	2353-45-9	20	0	20	20

Stable in 10% citric acid, acetic acid and very slight fade in malic and tartaric acid. Stable in 10% sodium bicarbonate. Turns blue in sodium carbonate and ammonium hydroxide. Fades in presence of sodium hydroxide.

***Solubility in 100% Vehicle at 25° C Grams/100ML**

FSW.CC

FSW is a supplier of a wide variety of high quality dyes, pigments, and specialty chemicals. We custom manufacture and market products for a variety of applications including leather, paper, textile, plastic, ink, and wood coatings industries. In addition, we have state-of-the-art laboratory and warehouse facilities located throughout the United States through which we can provide testing and logistics services.

In addition to our own comprehensive dye listing we also stock and distribute:

- *Dyes from several multinational companies.*
- *Various liquid dye products.*

And for ease of application:

- *Manufacture various powder dyes into liquid form.*

If we do not have a particular dye listed that you are looking for, we can find it for you.

Please explore our products and technical services to learn more about our business and how we can help you today.



Shades represented in this card are intended as a guide for basic color selection. These shades may vary based on the user's final formulation and/or substrate. Please contact First Source Worldwide, LLC for any additional technical assistance.

DRUG

COSMETIC

COLORS

FSW.CC

DESCRIPTION

D&C Yellow 7

Common Name	Color Index	CAS Number
Fluoran		Unknown

D&C Yellow 8

Common Name	Color Index	CAS Number
Uranine	Acid Yellow 73 (45350)	518-47-8

D&C Yellow 8

Common Name	Color Index	CAS Number
Uranine	Acid Yellow 73 (45350)	518-47-8

D&C Yellow 8

Common Name	Color Index	CAS Number
Uranine	Acid Yellow 73 (45350)	518-47-8

D&C Yellow 10

Common Name	Color Index	CAS Number
Quinophthalone	Food Brown #13 (47005)	Unknown

D&C Yellow 11

Common Name	Color Index	CAS Number
Quinoline	Solvent Yellow 33 (47000)	Unknown



DESCRIPTION

D&C Orange 4

Common Name	Color Index	CAS Number
Orange II	Acid Orange 7 (15510)	833-96-5

D&C Red 17

Common Name	Color Index	CAS Number
Sudan III	26100	Unknown

D&C Red 21

Common Name	Color Index	CAS Number
Eosine Free Acid	Solvent Red 43	15086-94-9

D&C Red 22

Common Name	Color Index	CAS Number
Eosine YS	Acid Red 87 (45380)	17372-87-1

D&C Red 27

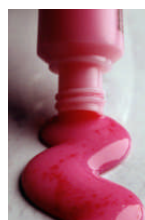
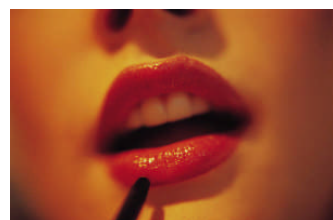
Common Name	Color Index	CAS Number
Fluoran	Solv. Red 48 (45410:1)	13473-26-2

D&C Red 28

Common Name	Color Index	CAS Number
Phloxine B	Acid Red 92 (45410)	18471-87-2

D&C Red 33

Common Name	Color Index	CAS Number
Acid Fuch sine	Acid Red 33 (17200)	3567-66-6



DESCRIPTION

D&C Brown I

Common Name	Color Index	CAS Number
Resorcine Brown	20170	20170

D&C Green 5

Common Name	Color Index	CAS Number
Alizarine Cyanine Green F	Acid Green 25 (61570)	4403-90-1

D&C Green 6

Common Name	Color Index	CAS Number
Quinizarine Green SS	Solv Green 3 (61565)	128-80-3

D&C Green 8

Common Name	Color Index	CAS Number
Pyranine Conc	Solv. Green 7 (59040)	6358-69-6

D&C Violet 2

Common Name	Color Index	CAS Number
Alizarine Purple SS	Solv. Violet 13 (60725)	81-48-1

D&C Violet 2 Ext

Common Name	Color Index	CAS Number
Alizarin Irisol R	Acid Violet 43 (60730)	4430-18-6

In the USA, the Federal Food, Drug and Cosmetic Act of 1938 provides for three classes of certifiable colors:

- A) FD&C Colors—Those certifiable for use in coloring foods, drugs and cosmetics.
- B) D&C Colors—Those certifiable for use in coloring drugs and cosmetics intended for internal application or ingestion.
- C) External D&C Colors—Those certifiable for use in coloring drugs and cosmetics intended for external application. These colors may not be used in any product applied to any mucous membrane.