



COLORANTS

HOUSE OF DYES

Water Soluble Dyes

Non-staining, liquid dyes for Home Care,
Toiletries & Industrial applications



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<https://scolorants.com/>



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Road, Arlington Heights, IL - 60004



Product Portfolio

Product Name	Code	Shade
RINSE YELLOW	ICRRIN 001	
RINSE SUNSET YELLOW	ICRRIN 002	
RINSE GOLDEN YELLOW	ICRRIN 003	
RINSE ORANGE	ICRRIN 004	
RINSE RED	ICRRIN 005	
RINSE MAGENTA	ICRRIN 006	
RINSE BLUE	ICRRIN 007	
RINSE SKY BLUE	ICRRIN 008	
RINSE GREEN	ICRRIN 009	
RINSE VIOLET	ICRRIN 0010	
RINSE BLACK	ICRRIN 0011	

Light Stability

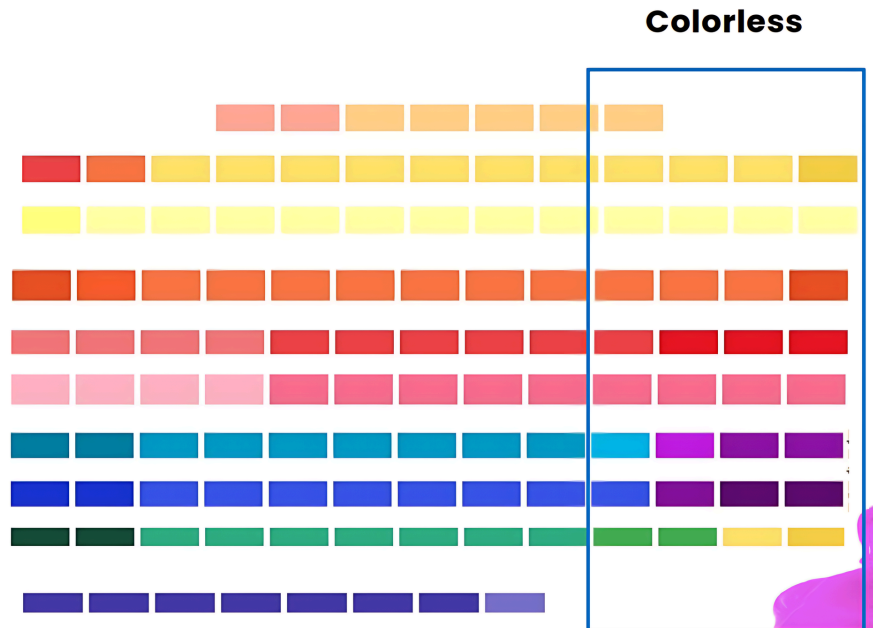
Technical Parameters	Features
Water	Soluble
Glycol	Miscible
Oil	Miscible
Light Fastness (is the resistance of colours to fading, changing shade or darkening under the influence of light)	Fair (4 to 5) Color is stable and strong upto 1 to 2 months
Compatibility with fragrances and preservatives	100%
Compatibility with most cationic, anionic, non-ionic, and quaternary systems.	100%
Biodegradability	Completely biodegradable. *(Not expected to release any adverse substances into the environment due to the nature of their chemistry)

- 8 – Exceptional 2 years
- 7 – Excellent 7 to 12 months
- 6 – Very good 3 to 6 months
- 5 – Good 2 to 3 months
- 4 – Quite good 1 month
- 3 – Moderate 2 weeks
- 2 – Low 4 to 7 days
- 1 – Very low 1 to 2 days

Solidity index -Wool scale to measure light fastness.

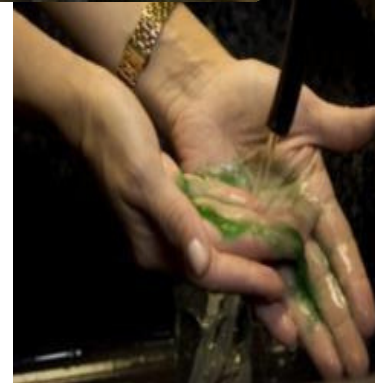
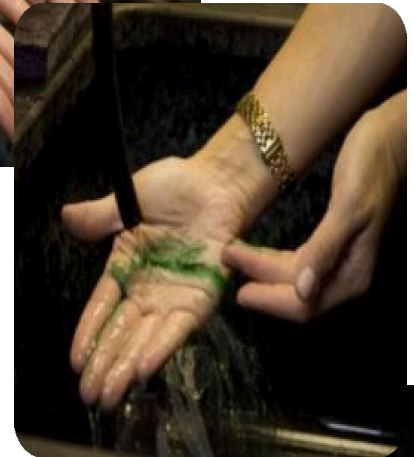
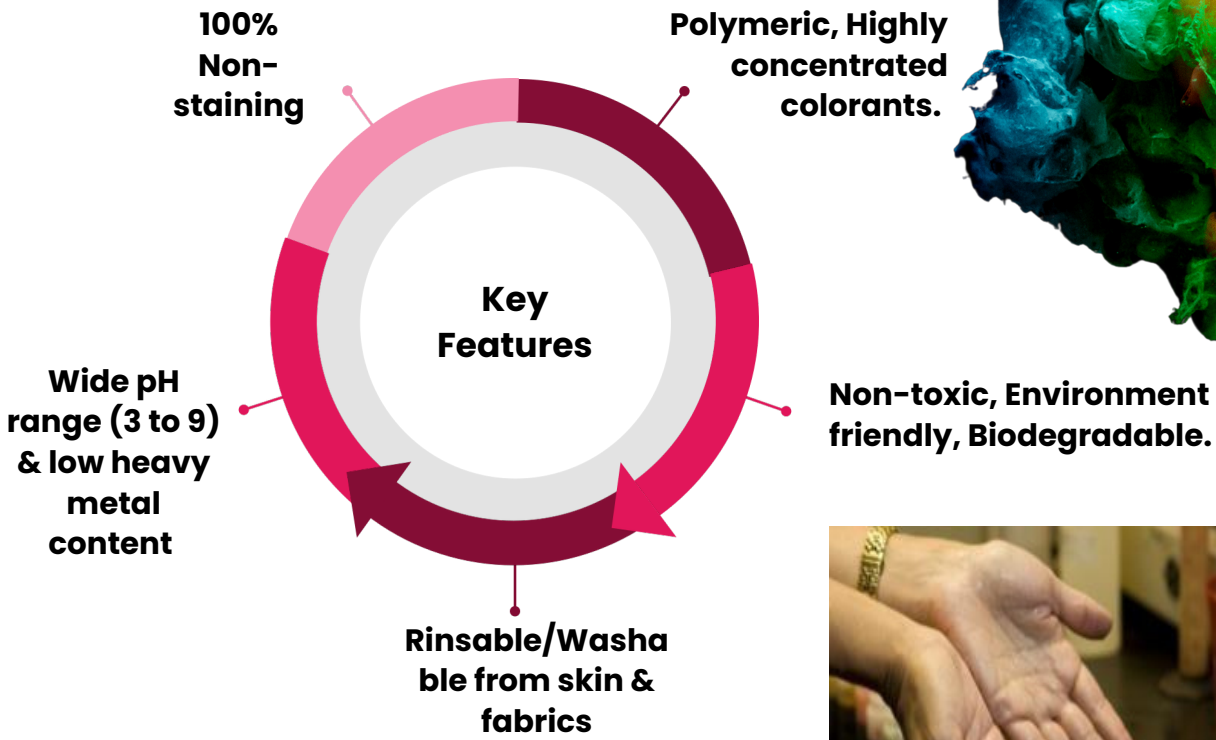
pH Stability Chart

COLOUR	CODE
RINSE YELLOW	ICRRIN 001
RINSE SUNSET YELLOW	ICRRIN 002
RINSE GOLDEN YELLOW	ICRRIN 003
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RINSE SKY BLUE	ICRRIN 008
RINSE GREEN	ICRRIN 009
RINSE VIOLET	ICRRIN 0010

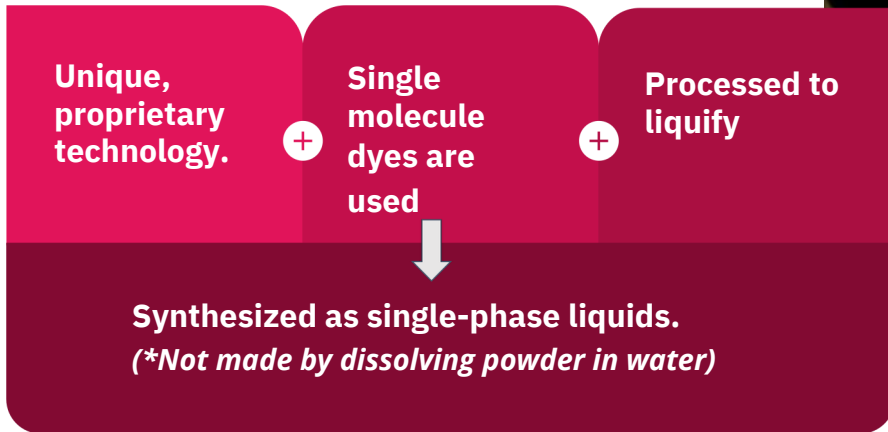


pH Range

1	2	3	4	5	6	7	8	9	10	11	12	13
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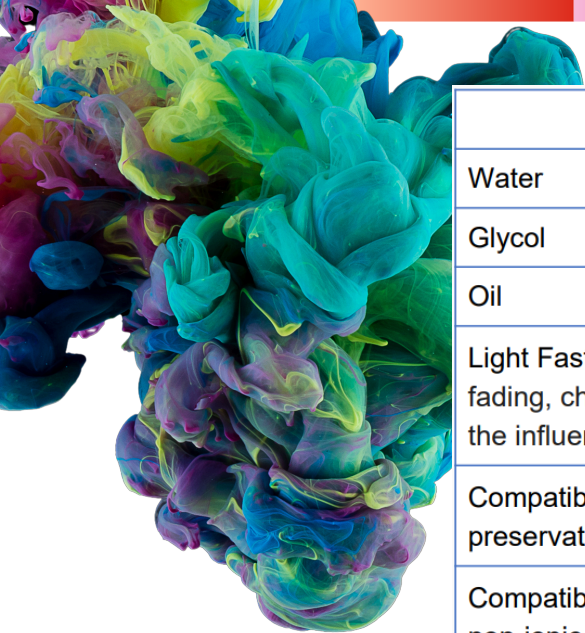
The Science & Technology...



Very high rinsability (washability) of the liquid dye seen while washing in just cold tap water & also there is no staining at all observed in hands.

CRITERIA FOR A RINSABLE DYE MOLECULE : RINSE OFF COMPLETELY WITH ONLY WATER

- Big enough to not to penetrate through pores in substrate.
- Small enough to coat the surface of substrate.
- Not substantive to cellulose (not reactive with OXY (OH) groups).
- Not substantive to protein (not reactive to AMINO (NH₂) groups).



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Compatibility with fragrances and preservatives	100%
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Biodegradability	Completely biodegradable. *(Not expected to release any adverse substances into the environment due to the nature of their chemistry)

Applications

These non-staining colorants are often used in products in which staining is of high concern such as:

- Children's art materials
- Portable toilet chemicals, Laundry detergent and laundry fabric softener, soaps, detergents & cleaners
- Water soluble fertilizers
- De-icing solutions and road salt
- Industrial, institutional and household cleaners and detergents
- In Sanitation chemicals, cleaning products like: **Fast-dissolving tablets, Gel-packets, RV Laundry, chemicals in landfill, foaming hand sanitizers.**



Other Supplies

Compatibility in fabric softener at **no risk..**

Higher concentration in rinsables at **no risk.**

Simple range & more versatile options

Good performance on both-skin & fabric.



S COLORANTS



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HOME CARE & PERSONAL CARE

WATER SOLUBLE POWDER DYES

Product Name	CI No	Shade
ACID RED 1	CI 18050	
Acid Yellow 17	CI 18965	
Acid Red 87	CI 45380	
Solvent Green 7	CI 59040	
Acid Red 33 (D&C Red 33)	CI 17200	
Acid Red 92 (D&C Red 28)	CI 45410	
Acid Blue 80	CI 61585	
Acid Blue 9	CI 42090	
Acid Yellow 73 (Fluorescein)	CI 45350	
Acid Green 81	---	
Acid Green 27	CI 61580	
Acid Orange 7	CI 15510	
FD&C Yellow 5	CI 19140	
Acid Red 52	CI 45100	
Reactive Orange 86	---	
Acid Violet 43	CI 60730	







HOME CARE APPLICATIONS

- Toilet Cleaner
- Glass Cleaner
- Dish Wash Liquid
- Detergent
- Floor Cleaner

Shades are for Reference only. Clients are advised to check samples for shade matching











D&C WATER SOLUBLE COLORS

Shade	Product Name	FD&C/D&C No.	C.I.No.	E-No.
	Acide Orange 7	D&C Orange 4	15510	-
	Acid Orange 11	D&C Orange 5	45370	-
	Acid Fuchsine	D&C Red 33	17200	-
	Phloxine B (Na Salt)	D&C Red 28	45410	-
	Eosine	D&C Red 22	45380	-
	Quinoline yellow W.S.	D&C Yellow 10	47005	-
	Alizarine Purple Ext	Ext D&C Violet 2	60730	-
	Uranine (Na Salt)	D&C Yellow 8	45350	-



FD&C WATER SOLUBLE COLORS

Shade	Product Name	FD&C/D&C No.	C.I.No.	E-No.
	Fast Green FCF	FD&C Green 3	42053	-
	Ponceau SX	FD&C Red 4	14700	-
	Sunset Yellow	FD&C Yellow 6	15985	E110
	Allura Red	FD&C Red 40	16035	E129
	Tartrazine	FD&C Yellow 5	19140	E102
	Brilliant Blue	FD&C Blue 1	42090	E133
	Erythrosine	FD&C Red 3	45430	E127
	Indigo Carmine	FD&C Blue 2	73015	E132

EEC WATER SOLUBLE COLORS








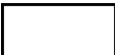











Shade	Product Name	FD&C/D&C No.	C.I.No.	E-No.
	Ponceau 4R Carmoisine	-	16255	E124
	Amaranth	-	14720	E122
	Brown HT	-	16185	E123
	Black PN	-	20285	E155
	Green S	-	28440	E151
	Green S	-	20285	E155
	Patent Blue V Quinoline	-	42051	E131
	Yellow W.S.	-	47005	E104

NON EEC & NON FD&C WATER SOLUBLE COLORS

Shade	Product Name	FD&C/D&C No.	C.I.No.	E-No.
	Acid Red 52	-	45100	-
	Acid Blue 80	-	61585	-
	Acid Blue 86	-	74180	-

LAUNDRY & DETERGENT

PIGMENT DYES

Product Name	CAS No	Shade	Product Name	CAS No	Shade
Pigment Red 2	6041-94-7		Pigment Blue 15:3	147-14-8	
Pigment Red 5	6410-41-9		Pigment Green 7	1328-53-6	
Pigment Red 53:1	5160-02-1		Pigment Violet 23	215247-95-3	
Pigment Red 57:1	5281-04-9		Pigment White 6	13463-67-7	
Pigment Red 112	6535-46-2		Pigment Black 7	1333-86-4	
Pigment Red 122	980-26-7		Pigment Yellow 1	2512-29-0	
Pigment Red 170	2786-76-7		Pigment Yellow 12	6358-85-6	
Pigment Orange 13	3520-72-7		Pigment Yellow 13	5102-83-0	
Pigment Orange 34	15793-73-4		Pigment Yellow 74	6358-31-2	
Pigment Blue 15:1	147-14-8				

The selection of the colorant depends on the pH value (acidic, neutral or alkaline), the supply form (liquid, paste or powder) and other ingredients of the formulation (bleaching agents or fragrances). For colorant selection we recommend to carry out trials in each case and to observe local legislation. S COLORANTS offers a wide range of colorants for these applications. Please select colorants from our product lists for liquid cleaners and for powder cleaners

General F.A.Q's:

1. Can we target the home care market where they use either Non-FDA dyes or they use Food Color for FDA/Children Use?

A. Our rinse dye is ok for Home care & Industrial applications and Children Markers (inks).

2. How does S COLORANTS compare Food Color Light fastness?

A. Fair to Avg light fastness as per acids dyes.

3. Is there any study for lightfastness especially in case of products kept in clear containers (vs Opaque bottles). As they are subjected to sunlight in shelves?

A. For consumer products with a clear packaging, the light fastness will perform as other peer acid dyes currently being used. Of course, having an opaque packaging will improve light fastness stability.

4. Concentration of the products? Do you disclose the color index you have used?

A. This is not a mixture with other colors with a color index. This is a NEW molecule not made from Powder dyes.

General F.A.Q's:

5. In terms of MSDS, do you name the composition?

A. S COLORANTS RINSE Dyes are single molecule products.

6. Is S COLORANTS Rinse Dye FDA approved? Are they based on D&C and FD&C Dyes?

A. S COLORANTS Rinse Dye is NOT FDA certified nor can be used in FDA applications. Our Rinse Dye is exclusively for Industrial Applications.

7. Is there more information about the Dye content and Content of Carrier in the systems? As they are liquids, how much water is there inside?

A. These are Polymeric Dyes, and we have NO water in our system. The synthesis/reaction of our liquid components (and other additives) results in the chromophore.

8. In the case of Azo Dyes. Are these mono azo, or double azo Dyes? Also Is the dye intrinsic in a polymeric carrier?

A. Mono and our dyes are not synthesized based on a solid/powder dyes.

9. The starting dye are solid?

A. No.

10. Which tests have been done with these products in terms of Regulatory?

A. We have done tests like EN 71/3 and EN 71/9.. Also tests like light fastness, pH.

11. Does S COLORANTS Rinse Dye use any Basic Dyes, and Dyes with the problem of Michlers ketone?

A. No basic dyes have been used.



S COLORANTS LLC is the USA's most trusted supplier of high-quality Natural colors, food & cosmetics colors. Our products are mainly catering to industries like Cosmetics & Personal Care Products, Food colors, and Household products like Toothpaste, Deodorants, Soap, Shampoos, Hair Oil, Detergents, etc. The company has managed to become one of the largest suppliers in the country with a solid customer base in more than 30+ countries across the world. As a women-owned small business with WBENC Certification S COLORANTS LLC are the proud suppliers of the Food and Cosmetic Color Dyes. We are committed to evolve, innovate and give our customer's an edge by supplying them with the latest products. The demands for our products are increasing because we are very much dedicated to our services.

- WE CAN DO CUSTOMISE BLEND COLOR
- REPACKAGING OPTION AVAILABLE

READY STOCK AVAILABLE | 6500 SQ. FT WAREHOUSE
BUY OUR PRODUCTS ONLINE FOR RETAIL

CONTACT US

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A part of S COLORANTS LLC Group of Companies

www.bondofcolours.com

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