



COLORS FOR LIFE

COLORANTS FOR HOME AND
PERSONAL CARE



The following tables contain a selection of colorants successfully used in home and personal care applications. Included in Sudarshan's extensive portfolio is a multitude of other colorants which may perform perfectly in your specific application.

Please do not hesitate to contact our experts for additional product and application recommendations.



COMPETENCE IN COLOR

Sudarshan services customers from its extensive, global network of production sites and service centers.

We have technical competence centers for the home and personal care industries in four continents: Europe (Germany), the Americas (Brazil, Mexico, United States), Africa (South Africa), and Asia (China, India). As a supplier to the consumer goods industry, we provide comprehensive support and expert advice in the areas of product safety, toxicology, and regulatory support.



This shade card represents the colorant in four-color printing. Additionally, your final formulation has an impact on the color appearance. Please conduct preliminary tests to match the shade to your requirements.

DYES		DYES
Water soluble powders	Water based liquids	Solvent soluble powders
Sanolin	Sanolin liq.	Solvaperm
	Sanolin Lave liq.	
Duasyn	Duasyn liq., Duasynjet liq.	
PIGMENT PREPARATIONS		
Aqueous dispersions	Granules	
Cosmenyl™ 100	Cosmenyl gran.	
Flexonyl		

PRODUCT RANGE							
APPLICATION AREA	APPLICATION	SANOLIN LAVE	SANOLIN POWDER	SANOLIN LIQ. / DUASYN LIQ.	SOLVAPERM	COSMENYL 100	COSMENYL GRAN.
HOME CARE	LAUNDRY DETERGENTS	●	●	●	-	○	○
	LAUNDRY SOFTENER	○	○	○	-	○	○
	DISHWASH DETERGENTS	●	●	●	-	○	○
	CLEANERS	●	●	●	●	○	○
PERSONAL CARE	RINSE-OFF	-	● (only selected)	-	-	●	●
	ORAL CARE	-	● (only selected)	-	-	● (only selected)	● (only selected)

● Recommended ○ Suitable - Not recommended

For details, please check single-product recommendations on the product-related pages.

DYES

POLYMERIC WATER-BASED LIQUIDS

SANOLIN LAVE LIQUID

Sanolin Lave liquid dyes are polymeric in nature, offered in aqueous stir-in format for easy delivery. This vibrant color range imparts intense coloration to consumer products, whilst easily rinsing from fabrics, skin and surfaces without staining. Recommended as the colorant-of-choice for all types of detergent, especially liquid laundry detergents and fabric enhancers.

- Features:**
- Leading range of polymeric dyes, superior non-staining performance over conventional dyes.
 - Brilliant color & high tinting strength
 - Exceptional transparency
 - Microbial specification and tight control
 - Easy handling and dosage, no pre-mixing
 - Sanolin Lave Yellow GX liq. and Sanolin Lave Blue A liq. are inherently biodegradable
 - Sanolin Lave Blue A liq. Is biocide-free
 - Recommended for ecolabels as per "x" in table
 - REACH-compliant

SHADE	NAME						
		Laundry liquid	Fabric Softener	Laundry powder detergents	Dish wash detergents: Tabs & powders / liquids	Household cleaners	EU Ecolabel / Nordic Swan
	SANOLIN LAVE YELLOW A01 LIQ	●	●	○	○ / ●	●	
	SANOLIN LAVE YELLOW GX LIQ	●	○	●	○ / ●	●	x
	SANOLIN LAVE ORANGE R LIQ	●	○	○	○ / ●	●	
	SANOLIN LAVE RED B LIQ	●	○	○	○ / ●	●	x
	SANOLIN LAVE PINK B LIQ	●	●	●	○ / ●	●	x
	SANOLIN LAVE VIOLET B LIQ	-	●	-	○ / ●	●	x
	SANOLIN LAVE BLUE A LIQ	●	●	●	○ / ●	●	x
	SANOLIN LAVE BLUE R LIQ	●	●	-	○ / ●	●	x
	SANOLIN LAVE BLUE T LIQ	●	●	○	○ / ●	●	x
	SANOLIN LAVE GREEN G LIQ	○	○	-	○ / ●	●	x

● Recommended ○ Suitable - Not recommended



SANOLIN LAVE LIQUID - PRODUCT PROPERTIES

SHADE	NAME	PH STABILITY IN BUFFER SOLUTIONS AFTER 4 WEEKS AT 50°C												
		pH 1	pH 2	pH 3	pH 4	pH 5	pH 6	pH 7	pH 8	pH 9	pH 10	pH 11	pH 12	pH 13
	SANOLIN LAVE YELLOW A01 LIQ													
	SANOLIN LAVE YELLOW GX LIQ													
	SANOLIN LAVE ORANGE R LIQ													
	SANOLIN LAVE RED B LIQ													
	SANOLIN LAVE PINK B LIQ													
	SANOLIN LAVE VIOLET B LIQ													
	SANOLIN LAVE BLUE A LIQ													
	SANOLIN LAVE BLUE R LIQ													
	SANOLIN LAVE BLUE T LIQ													
	SANOLIN LAVE GREEN G LIQ													



DYES
WATER SOLUBLE POWDERS

SANOLIN

Sanolin powdered dyes are readily soluble in water, recommended for and used widely in all types of home and fabric care - liquid, powder, gel and paste. Selected grades can be recommended for personal care applications, as shown in table.

- Features:
- Comprehensive color range
 - Readily soluble in water
 - Brilliant color & high tinting strength
 - Exceptional transparency when solubilised
 - Treated to be microbially clean
 - Biocide-free
 - Cost-effective in use
 - Offered with General Purpose and selectively with Cosmetic specification
 - Recommended for ecolabels as per "x" in table
 - REACH-compliant



EU Regulation 1223/2009 on cosmetic products Annex IV list of colorants allowed in cosmetic products-column »product type, body parts«

- 1 = No use restrictions
- 2 = Not to be used in eye products
- 3 = Not to be used in products applied to mucous membranes
- 4 = For rinse-off products only

* = Brilliant fluorescent effect can not be visualized by four color printing

Japan: Colorants for cosmetic and drug applications are regulated by the Pharmaceutical Affairs law. Permitted use categories are determined by classification into three groups:

- List 1 – For application in all drugs, quasi-drug, and cosmetics (including Lip / Oral, Eye Area, External and Rinse-off)
- List 2 – For application in cosmetics (including Eye Area, External and Rinse-off)
- List 3 – For applications in cosmetic intended not to come into contact with mucous membranes (including Eye Area but not eyeliner, External and Rinse-off)

DARK SHADE	LIGHT SHADE	NAME	CI NAME CI NUMBER	HOME & FABRIC CARE							PERSONAL CARE			
				Household cleaners	Dish wash detergents: Tabs & powders / liquids	Laundry liquid	Fabric Softener	Laundry powder detergents	Granule coloration (Speckles)	EU- Ecolabel / Nordic Swan	Cosmetic Regulations			Application recom- mendation
											Legislation	Cosmetic label name	Cosmetic use category	Liquid rinse-off products
		SANOLIN QUINOLINE YELLOW 70	Acid Yellow 3								EU	CI 47005	1	●
			Food Yellow 13	●	○ / ●	●	○	○	○	x	JP	not listed	no use	no use
			47005								USA	not listed	no use	no use
		SANOLIN TARTRAZINE X90	Acid Yellow 23								EU	CI 19140	1	●
			Food Yellow 4	●	○ / ●	●	○	○	-	x	JP	Ki4	1	●
			19140								USA	not listed	no use	no use
		SANOLIN YELLOW BG 30	Direct Yellow 28								EU	not listed	no use	no use
			19555	●	○ / ○	○	○	○	●	x	JP	not listed	no use	no use
											USA	not listed	no use	no use
		SANOLIN ORANGE RGL90	Food Yellow 3								EU	CI 15985	1	●
			15985	●	○ / ●	●	○	○	-	x	JP	Ki5	1	●
											USA	not listed	no use	no use
		SANOLIN PONCEAU 4RC 82	Acid Red 18								EU	CI 16255	1	●
			Food Red 7	●	● / ●	●	○	○	-	x	JP	not listed	no use	no use
			15255								USA	not listed	no use	no use
		SANOLIN RED NBG	Acid Red 249								EU	not listed	no use	no use
			18134	●	● / ●	●	○	●	●		JP	not listed	no use	no use
											USA	not listed	no use	no use
		SANOLIN RHODAMINE B02	Acid Red 52								EU	CI 45100	4	●
			45100	●	● / ●	●	●	●	●	x	JP	Aka106	1	●
											USA	not listed	no use	no use
		SANOLIN RED N-6B	Acid Violet 54								EU	not listed	no use	no use
			-	●	● / ●	●	○	●	●	x	JP	not listed	no use	no use
											USA	not listed	no use	no use
		SANOLIN VIOLET E2R	Acid Violet 126								EU	not listed	no use	no use
			-	●	○ / ●	●	●	●	●	x	JP	not listed	no use	no use
											USA	not listed	no use	no use
		SANOLIN VIOLET FBL	Acid Violet 48								EU	not listed	no use	no use
			-	●	○ / ●	●	○	○	●		JP	not listed	no use	no use
											USA	not listed	no use	no use
		SANOLIN BLUE EHRL	Acid Blue 182								EU	not listed	no use	no use
			-	●	● / ●	●	●	●	●	x	JP	not listed	no use	no use
											USA	not listed	no use	no use
		SANOLIN BLUE NBL	Acid Blue 80								EU	CI 61585	4	●
			61585	●	● / ●	●	●	●	●		JP	not listed	no use	no use
											USA	not listed	no use	no use
		SANOLIN PATENT BLUE V85 01	Food Blue 5:2								EU	CI 42051	1	●
			42051:2	●	○ / ●	●	●	○	-	x	JP	not listed	no use	no use
											USA	not listed	no use	no use
		SANOLIN BLUE AE 90	Acid Blue 9								EU	CI 42090	1	●
			Food Blue 2	●	○ / ●	●	●	○	-	x	JP	Ao1	1	●
			42090								USA	not listed	no use	no use
		SANOLIN TURQUOISE BLUE FBL	Direct Blue 199								EU	not listed	no use	no use
			74190	●	○ / ●	●	-	●	●	x	JP	not listed	no use	no use
											USA	not listed	no use	no use

● Recommended ○ Suitable - Not recommended



DYES

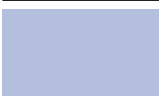
WATER SOLUBLE POWDERS

DUASYN

Duasyn powder dyes are cost-efficient colorants, widely used for coloration of everyday household cleaning products, especially for toiletcare.

Features:

- Core range for everyday cleaners, ideal where cost is the all-important factor
- Good for accurate dosage at low levels
- Duasyn Ink Blue SLK is ideal for toilet cleaners and fresheners, where acid resistance is vital
- Biocide-free
- Colors offered for general purpose use in detergents
- Recommended for ecolabels as per "x" in table
- REACH-compliant

DARK SHADE	LIGHT SHADE	NAME	CI NAME CI NUMBER	HOME & FABRIC CARE						
				Household cleaners	Dish wash detergents: Tabs & powders / hand liquids	Laundry liquid	Fabric Softener	Laundry powder detergents	Granule coloration (Speckles)	EU Ecolabel / Nordic Swan
		DUASYN INK BLUE SLK	Acid Blue 93							
			42780	●	- / -	-	-	-	-	x
		DUASYN ACID BLUE AE03	Acid Blue 9							
			42090	●	○ / ●	●	○	○	●	x

● Recommended ○ Suitable - Not recommended

DYES
WATER-BASED LIQUIDS

SANOLIN LIQUID

Sanolin dyes in liquid aqueous format, for convenient stir-in delivery. Widely recommended for all types of Household, Industrial & Institutional cleaning products, especially for the coloration of home and fabric care products in liquid, paste or powder form.

- Features:
• Core range colors offered, other colors can be made available on request.
• Easy handling and dosage. No pre-mixing.
• Microbial specification and tight control
• Colors offered for general purpose use in detergents
• REACH-compliant

Table with 5 columns: DARK SHADE, LIGHT SHADE, NAME, CI NAME CI NUMBER, HOME & FABRIC CARE. Rows include SANOLIN VIOLET AS-SP LIQUID, SANOLIN VIOLET AS-E2R LIQUID, and SANOLIN BLUE EHRL LIQUID.

• Recommended ○ Suitable - Not recommended



DYES
WATER-BASED LIQUIDS

DUASYN LIQUID

Duasyn liquid dyes are cost-efficient colorants, widely used for coloration of everyday household cleaning products, especially for toiletcare and hard surface cleaning.

- Features:
• Core range for everyday cleaners, all liquid, paste, gel and powder formats, ideal where cost is the all-important factor
• Good for accurate dosage at low levels
• Easy handling and dosage, no pre-mixing
• Microbial specification and tight control
• Colors offered for general purpose use in detergents
• REACH-compliant



Table with 5 columns: DARK SHADE, LIGHT SHADE, NAME, CI NAME CI NUMBER, HOME & FABRIC CARE. Rows include DUASYN YELLOW 3GF-SF LIQUID, DUASYN BRILLIANT RED F3B-SF LIQUID, DUASYN ACID BLUE AE LIQUID, and DUASYNJET CYAN FRL-SF LIQUID.

• Recommended ○ Suitable - Not recommended



DYES

SOLVENT SOLUBLE POWDERS

SOLVAPERM

Solvaperm dyes are water-free solvent dyes that can be used for solvent-based home and personal care consumer products, for example, oils, waxes, polishes, aerosols and bi-phasic detergent systems and scent boosters.

- Features:**
- Core range for everyday cleaners, all liquid, paste, gel, wax, aerosol and powder formats
 - Easy handling and dosage, no pre-mixing
 - Biocide-free
 - Colors offered for general purpose use in detergents
 - Insoluble in water
 - REACH-compliant

DARK SHADE	LIGHT SHADE	NAME	CI NAME CI NUMBER	HOME CARE		
				Aircare	Oils, waxes, solvents	Bi-phasic cleaners & detergents
		SOLVAPERM YELLOW 3G	Solvent Yellow 93 48160	●	●	●
		SOLVAPERM RED BB	Solvent Red 195	●	●	●
		SOLVAPERM VIOLET RSB	Solvent Violet 13 60725	●	●	●
		SOLVAPERM BLUE 2B	Solvent Blue 104 61568	●	●	●
		SOLVAPERM GREEN GSB	Solvent Green 3 61565	●	●	●

● Recommended ○ Suitable - Not recommended

PIGMENT PREPARATIONS
WATER-BASED DISPERSIONS

COSMENYL 100

Ever-popular benchmark range, Cosmenyl 100 pigment dispersions are an ideal choice for the coloration of rinse-off toiletries, haircare, toothpastes, speckles for detergent powders and cleaning agents.



- Features:
- High pigment loading, low viscosity
 - Readily pumpable and flowable
 - High purity specification, control to Cosmetic standards
 - Excellent lightfastness and chemical resistance
 - Wide compatilbity
 - Easy handling and dosage, no pre-mixing
 - Non-bleeding
 - Microbial specification and tight control
 - Halal certified
 - APEO-free
 - Recommended for ecolabels as per "x" in table
 - REACH-compliant



DARK SHADE	LIGHT SHADE	NAME	CI NAME CI NUMBER	HOME & FABRIC CARE				PERSONAL CARE				
				Laundry powder detergents	Granule coloration (Speckles)	Household cleaners	EU Ecolabel / Nordic Swan	Cosmetic Regulations			Application recommendation	
		COSMENYL YELLOW 100	Pigment Yellow 1 11680	●	○	○		Legislation	Cosmetic label name	Cosmetic use category	Soap	Oral care
								EU	CI 11680	3	●	no use
								JP	Ki401	3	●	no use
		COSMENYL OXIDE YELLOW 100	Pigment Yellow 42 77492	●	○	○		USA	not listed	no use	no use	no use
								EU	CI 77492	1	●	○
								JP	Yellow Oxide of Iron	1	●	○
		COSMENYL CARMINE OC 100	Pigment Red 5 12490	●	○	○	x	USA	Iron Oxide	1, 2, 3, 4	●	○
								EU	CI 12490	1	●	●
								JP	not listed	no use	no use	no use
		COSMENYL VIOLET 100	Pigment Violet 23 51319	●	○	○		USA	not listed	no use	no use	no use
								EU	CI 51319	4	●	no use
								JP	not listed	no use	no use	no use
		COSMENYL BLUE OC 100	Pigment Blue 15:1 74160	●	○	○	x	USA	not listed	no use	no use	no use
								EU	CI 74160	1	●	●
								JP	Ao404	3	●	no use
		COSMENYL GREEN OC 100	Pigment Green 7 74260	●	○	○		USA	not listed	no use	no use	-
								EU	CI 74260	2	●	●
								JP	not listed	no use	no use	no use
		COSMENYL BLACK 100	Pigment Black 7 77266	●	○	○		USA	not listed	no use	no use	-
								EU	CI 77266	1	●	●
								JP	Carbon Black	**	●	no use
								USA	D&C Black No 2	*	no use	no use

● Recommended ○ Suitable - Not recommended

EU Regulation 1223/2009 on cosmetic products Annex IV list of colorants allowed in cosmetic products-column »product type, body parts«
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4 = For rinse-off products only

USA: Code of Federal Regulation (CFR) title 21, parts 73, 74 and 82
Permitted use categories for color additives:
1 = Lip / Oral
2 = Eye area / applied in orbit of eyes
3 = External
4 = Rinse-off

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List 2 – For application in cosmetics (including Eye Area, External and Rinse-off)
List 3 – For applications in cosmetic intended not to come into contact with mucous membranes (including Eye Area but not eyeliner, External and Rinse-off)

*Approved in the US for the following cosmetic products ONLY: eyeliner, brush-on-brow, eye shadow, mascara, lipstick, blushers and rouge, foundation, and nail enamel (21 CFR 74.2052). Subject to certification. Not approved for drugs.
** Approved for List 2: applications in cosmetics (including eye area, external and rinse-off). Not approved for quasi-drugs.



PIGMENT PREPARATIONS GRANULES

COSMENYL GRAN.

Established Cosmenyl pigments offered in a convenient water-free, biocide-free, granule format. An ideal choice for the coloration of rinse-off toiletries, haircare, toothpastes and speckles for detergent powders and cleaning agents.

Features:

- High pigment loading
- Non-dusting, free-flowing solid pigment dispersions
- Readily dispersible in aqueous media and soap bases
- High purity specification, controlled to Cosmetic standards
- Excellent lightfastness and chemical resistance
- Wide compatibility
- Easy handling and dosage. No pre-mixing
- Non-staining
- Microbial specification and tight control
- Biocide-free
- APEO-free
- Recommended for ecolabels as per “x” in table
- REACH-compliant

DARK SHADE	LIGHT SHADE	NAME	CI NAME CI NUMBER	HOME & FABRIC CARE				PERSONAL CARE				
				Laundry powder detergents	Granule coloration (Speckles)	Household cleaners	EU Ecolabel / Nordic Swan	Cosmetic Regulations			Application recommendation	
								Legislation	Cosmetic label name	Cosmetic use category	Soap	Oral care
		COSMENYL YELLOW GLS GRAN.	Pigment Yellow 1	●	●	○		EU	CI 11680	3	●	no use
			11680					JP	KI401	3	●	no use
								USA	not listed	no use	no use	no use
		COSMENYL RED BLS GRAN.	Pigment Red 5	●	●	○	x	EU	CI 12490	1	●	●
			12490					JP	not listed	no use	no use	no use
								USA	not listed	no use	no use	no use
		COSMENYL BLUE BLS 30 GRAN.	Pigment Blue 15:1	●	●	○	x	EU	CI 74160	1	●	●
			74160					JP	Ao404	3	●	no use
								USA	not listed	no use	no use	no use
		COSMENYL GREEN 2GLS GRAN.	Pigment Green 7	●	●	○		EU	CI 74260	2	●	●
			74260					JP	not listed	no use	no use	no use
								USA	not listed	no use	no use	no use

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List 3 – For applications in cosmetic intended not to come into contact with mucous membranes (including Eye Area but not eyeliner, External and Rinse-off)

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Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets (MSDS) which include relevant safety precautions for handling and storage, are available upon request and are provided in accordance with applicable legal requirements. Users are advised to obtain and review the relevant MSDS prior to handling any product. Users shall bear sole responsibility for determining the suitability of our products for their intended applications whether or not the end application is known to us.

As the performance of colorants is influenced by factors like additives, polymers, and processing conditions, customers are strongly advised to conduct their own testing to verify suitability in end-use applications. Any deviation from recommended usage or processing conditions may adversely affect product performance and results. (Version 1/2026)

Caution: We offer a select range of colorants, some of which are designed to meet regulatory requirements for sensitive application areas such as cosmetics, personal care applications, food packaging materials, toys and others. In such sensitive applications, only products designated for these applications should be used. We do not recommend that any of our products are used in sensitive applications which may come in contact with internal body organs or body fluids. For additional information, please contact us. (Version 1/2026)

Color Reproduction: For technical reasons connected with color reproduction, the colors shown may not exactly match the pigment colors and do not represent a particular finish. (Version 1/2026)