

Living Colors
**SOLUTIONS FOR
HOME AND PERSONAL
CARE PRODUCTS**



The following tables contain a selection of colorants successfully used in home and personal care applications. Included in Clariant'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.





Clariant

COMPETENCE IN COLOR

This shade card represents the colorant in four-color printing. Slight differences in shade might occur in your application.

Additionally, the final formulation has an impact on the color appearance. Please conduct preliminary tests to match the shade to your requirements. Our product portfolio is continuously being improved to keep pace with the dynamic market needs.

Clariant utilizes its global network of production and service facilities to satisfy customers' requirements.

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, Malaysia).

As a supplier to the consumer goods industry, we provide comprehensive support in the areas of product safety, toxicology, and regulatory support.

In general the manufacturer of the formulation is responsible to use ingredients that meet the respective regulations.

Please tell us your requirements. We listen to our customers.

PLEASE CONTACT US

BUSINESS UNIT PIGMENTS
MARKETING AND SALES SPECIAL APPLICATIONS

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Clariant offers a broad portfolio of colorants to enhance the appearance and performance of home and personal care formulations. Our broad range of colorants includes:

DYES

Water soluble powders

Sanolin®

Duasyn®

Water based liquids

Sanolin liq.

Sanolin Lave liq.

Duasyn liq., Duasynjet liq.

DYES

Solvent soluble powders

Solvaperm®

PIGMENT PREPARATIONS

Aqueous dispersions

Cosmenyl®, Cosmenyl® OC 100

Flexonyl®

Granules

Cosmenyl gran.

PIGMENTS

Powders

Cosmetic Pigments



















Selected Hostaperm®, Permanent and PV Fast®

Dyes

WATER SOLUBLE POWDERS













Sanolin

- Selected Sanolin are included in at least one of the authorized use lists for cosmetic colorants for the EU, USA or Japan. Those colorants are marked with the respective cosmetic label names in the right column
- Sanolin dyes are especially used for coloration of home and fabric care products in liquid, paste or powder form
- Microbiological specification: products are exposed to low-dose ionizing radiation and therefore meet high microbiological purity requirements of customers active in the home & personal care industry

DARK SHADE	LIGHT SHADE	PRODUCT NAME	C.I. NAME C.I. NUMBER	COSMETIC LABEL NAME	USE RESTRICTION
				USA	USA
				EU	EU
				Japan	Japan
		SANOLIN QUINOLINE YELLOW 70	Acid Yellow 3 Food Yellow 13 47005	- CI 47005 -	- 1 -
		SANOLIN TARTRAZINE X 90	Acid Yellow 23 Food Yellow 4 19140	- CI 19140 Ki4	- 1 1
		SANOLIN YELLOW BG 30	Direct Yellow 28 19555	- -	- -
		SANOLIN ORANGE RGL 90	Food Yellow 3 15985	- CI 15985	- 1
		SANOLIN PONCEAU 4RC 82	Acid Red 18 Food Red 7 16255	- CI 16255 -	- 1 -
		SANOLIN RED NBG	Acid Red 249 18134	- -	- -
		SANOLIN RHODAMINE B O2* Fluorescent effect	Acid Red 52 45100	- CI 45100	- 4
		SANOLIN RED N-6B	Acid Violet 54 -	- -	- -
		SANOLIN VIOLET E2R	Acid Violet 126 -	- -	- -

Sanolin

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				USA	USA
				EU	EU
				Japan	Japan
		SANOLIN VIOLET FBL	Acid Violet 48 -	- -	- -
		SANOLIN BLUE EHRL	Acid Blue 182 -	- -	- -
		SANOLIN BLUE NBL	Acid Blue 80 61585	- CI 61585	- 4
		SANOLIN PATENT BLUE V 85 01	Food Blue 5:2 42051:2	- CI 42051	- 1
		SANOLIN BLUE AE 90	Acid Blue 9 Food Blue 2 42090	- CI 42090 AO1	- 1 1
		SANOLIN TURQUOISE BLUE FBL	Direct Blue 199 74190	- -	- -

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 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)

Dyes

WATER SOLUBLE POWDERS

Duasyne

- Especially used for coloration of home and fabric care products in liquid, paste or powder form

DARK SHADE	LIGHT SHADE	PRODUCT NAME	C.I. NAME C.I. NUMBER	COSMETIC LABEL NAME	USE RESTRICTION
				USA	USA
				EU	EU
				Japan	Japan
		DUASYN INK BLUE SLK	Acid Blue 93 42780	- -	- -
		DUASYN ACID BLUE AE 03	Acid Blue 9 42090	- -	- -








Dyes

LIQUID NON-STAINING COLORANTS

Sanolin Lave liquid

The Sanolin Lave Liquid range provides both – bright and brilliant shades combined with easy rinseability from skin, fabrics and surfaces. All colorants are especially recommended for the coloration of fabric and home care products.

The colorants of the Sanolin Lave Liquid range are suitable for the coloration of products marked with well-recognized eco-labels such as the EU Ecolabel or the Nordic Swan.

DARK SHADE	LIGHT SHADE	PRODUCT NAME	C.I. NAME C.I. NUMBER	COSMETIC LABEL NAME	USE RESTRICTION
				USA	USA
				EU	EU
				Japan	Japan
		SANOLIN LAVE YELLOW A LIQ. VP5472	- -	- -	- -
		SANOLIN LAVE YELLOW S LIQ. VP6162	- -	- -	- -
		SANOLIN LAVE YELLOW GX LIQ. VP5220	- -	- -	- -
		SANOLIN LAVE ORANGE R LIQ. VP5221	- -	- -	- -
		SANOLIN LAVE RED B LIQ. VP5222	- -	- -	- -
		SANOLIN LAVE RED A LIQ. VP6163	- -	- -	- -
		SANOLIN LAVE PINK B LIQ. VP5454	- -	- -	- -






Dyes

LIQUID NON-STAINING COLORANTS

Sanolin Lave liquid

The Sanolin Lave Liquid range provides both – bright and brilliant shades combined with easy rinseability from skin, fabrics and surfaces. All colorants are especially recommended for the coloration of fabric and home care products.

The colorants of the Sanolin Lave Liquid range are suitable for the coloration of products marked with well-recognized eco-labels such as the EU Ecolabel or the Nordic Swan.







DARK SHADE	LIGHT SHADE	PRODUCT NAME	C.I. NAME C.I. NUMBER	COSMETIC LABEL NAME		USE RESTRICTION
				USA	USA	
				EU	EU	
				Japan	Japan	
		SANOLIN LAVE VIOLET B LIQ. VP 5223	-	-	-	-
		SANOLIN LAVE BLUE A LIQ. VP 5453	-	-	-	-
		SANOLIN LAVE BLUE R LIQ. VP 5224	-	-	-	-
		SANOLIN LAVE BLUE T LIQ. VP 5240	-	-	-	-
		SANOLIN LAVE GREEN G LIQ. VP 5225	-	-	-	-

Dyes

WATER BASED LIQUIDS

Sanolin liquid

- Especially used for coloration of home and fabric care products in liquid, paste or powder form
- Microbiological purity specified









DARK SHADE	LIGHT SHADE	PRODUCT NAME	C.I. NAME C.I. NUMBER	COSMETIC LABEL NAME	USE RESTRICTION
				USA	USA
				EU	EU
				Japan	Japan
		SANOLIN VIOLET AS-SP LIQUID	Direct Violet 66 29120	- -	- -
		SANOLIN VIOLET AS-E2R LIQUID	Acid Violet 126 -	- -	- -
		SANOLIN BLUE EHRL LIQUID	Acid Blue 182 -	- -	- -

Dyes

WATER BASED LIQUIDS

Duasn liquid, Duasnjet liquid

- Especially used for coloration of home and fabric care products in liquid, paste or powder form
- Microbiological purity specified for selected grades











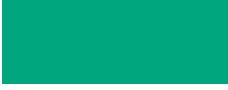

DARK SHADE	LIGHT SHADE	PRODUCT NAME	C.I. NAME C.I. NUMBER	COSMETIC LABEL NAME	USE RESTRICTION
				USA	USA
				EU	EU
				Japan	Japan
		DUASYN YELLOW 3GF-SF LIQUID	Direct Yellow 132 -	- -	- -
		DUASYN BRILLIANT RED F3B-SF LIQUID	Reactive Red 180 181055	- -	- -
		DUASYN ACID BLUE AE LIQUID	Acid Blue 9 42090	- -	- -
		DUASYNJET CYAN FRL-SF LIQUID	Direct Blue 199 74190	- -	- -

Dyes

SOLVENT SOLUBLE POWDERS

Solvaperm

· Solvaperm dyes listed below are especially used for the coloration of home care products based on organic solvents, oil, fat or wax, such as polish, air freshener etc.









DARK SHADE	LIGHT SHADE	PRODUCT NAME	C.I. NAME C.I. NUMBER	COSMETIC LABEL NAME	USE RESTRICTION
				USA	USA
				EU	EU
				Japan	Japan
		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	- -	- -
		SOLVAPERM GREEN G	Solvent Green 28 625580	- -	- -

Pigment preparations

AQUEOUS DISPERSIONS

Cosmenyl

- Readily pumpable and flowable aqueous dispersions
- Included in at least one of the authorized use lists for cosmetic colorants for the EU, USA or Japan
- Selected for coloration of toiletries and cosmetics or home and fabric care products in liquid, paste or powder form
- Microbiological purity specified

DARK SHADE	LIGHT SHADE	PRODUCT NAME	C.I. NAME C.I. NUMBER	COSMETIC LABEL NAME	USE RESTRICTION
				USA	USA
				EU	EU
				Japan	Japan
		COSMENYL YELLOW G 30	Pigment Yellow 1 11680	- CI 11680	- 3
				Ki401	3
		COSMENYL OXIDE YELLOW R	Pigment Yellow 42 77492	Iron Oxide CI 77492	1, 2, 3, 4 1
				Yellow Oxide of Iron	1
		COSMENYL CARMINE FB 01	Pigment Red 5 12490	- CI 12490	- 1
				-	-
		COSMENYL VIOLET RL	Pigment Violet 23 51319	- CI 51319	- 4
				-	-

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

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

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 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)

Cosmenyl

- Readily pumpable and flowable aqueous dispersions
- Included in at least one of the authorized use lists for cosmetic colorants for the EU, USA or Japan
- Selected for coloration of toiletries and cosmetics or home and fabric care products in liquid, paste or powder form
- Microbiological purity specified

DARK SHADE	LIGHT SHADE	PRODUCT NAME	C.I. NAME C.I. NUMBER	COSMETIC LABEL NAME	USE RESTRICTION
				USA	USA
				EU	EU
				Japan	Japan
		COSMENYL BLUE A4R	Pigment Blue 15:1 74160	- CI 74160 Ao404	- 1 3
		COSMENYL GREEN GG	Pigment Green 7 74260	- CI 74260	- 2
		COSMENYL BLACK C 130 VP 6161	Pigment Black 7 77266	- CI 77266	- 1
		COSMENYL BLACK N VP 6104	Pigment Black 7 77266	- CI 77266	- 1
				-	-

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Pigment preparations

AQUEOUS DISPERSIONS

Cosmenyl OC 100

- Readily pumpable and flowable aqueous dispersions
- Optimized Cosmetic (OC) grades with modified preservative system
- Included in at least one of the authorized use lists for cosmetic colorants for the EU, USA or Japan
- Selected for coloration of toiletries and cosmetics or home and fabric care products in liquid, paste or powder form
- Microbiological purity specified

DARK SHADE	LIGHT SHADE	PRODUCT NAME	C.I. NAME C.I. NUMBER	COSMETIC LABEL NAME	USE RESTRICTION
				USA	USA
				EU	EU
				Japan	Japan
		COSMENYL CARMINE OC 100 VP 6145	Pigment Red 5 12490	- CI 12490	- 1
		COSMENYL BLUE OC 100 VP 6143	Pigment Blue 15:1 74160	- CI 74160	- 1
				Ao404	3
		COSMENYL GREEN OC 100 VP 6136	Pigment Green 7 74260	- CI 74260	- 2
				-	-

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Flexonyl SP

- Especially used for coloration of home and fabric care products in liquid, paste or powder form
- Readily pumpable and flowable aqueous dispersions
- Microbiological purity specified for selected grades









DARK SHADE	LIGHT SHADE	PRODUCT NAME	C.I. NAME C.I. NUMBER	COSMETIC LABEL NAME	USE RESTRICTION
				USA	USA
				EU	EU
				Japan	Japan
		FLEXONYL ORANGE G	Pigment Orange 13 21110	- -	- -
		FLEXONYL RED SP-FGR	Pigment Red 112 12370	- -	- -
		FLEXONYL CARMINE SP-FBB	Pigment Red 146 12485	- -	- -

Pigment preparations

GRANULES

Cosmenyl gran.

- Dust-free pigment preparations in granular form, high flow capability, easily dispersible in aqueous systems
- Included in at least one of the authorized use lists for cosmetic colorants for the EU, USA or Japan
- Selected for coloration of toiletries and cosmetics (in accordance with the respective application fields) or home and fabric care products in liquid, paste or powder form
- Microbiological purity specified

DARK SHADE	LIGHT SHADE	PRODUCT NAME	C.I. NAME C.I. NUMBER	COSMETIC LABEL		USE RESTRICTION
				NAME		
				USA	USA	
				EU	EU	
				Japan	Japan	
		COSMENYL YELLOW GLS GRAN.	Pigment Yellow 1 11680	CI 11680		3
				Ki401		3
		COSMENYL RED BLS GRAN.	Pigment Red 5 12490	CI 12490		1
				-		-
		COSMENYL BLUE BLS 30 GRAN.	Pigment Blue 15:1 74160	CI 74160		1
				Ao404		3
		COSMENYL GREEN 2GLS GRAN.	Pigment Green 7 74260	CI 74260		2
				-		-

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Pigments POWDERS

Cosmetic Pigments

- Included in at least one of the authorized use lists for cosmetic colorants for the EU, USA, or Japan
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- Microbiological purity specified

DARK SHADE	LIGHT SHADE	PRODUCT NAME	C.I. NAME C.I. NUMBER	COSMETIC LABEL NAME	USE RESTRICTION
				USA	USA
				EU	EU
				Japan	Japan
		COSMETIC PINK RC 01	Pigment Red 181 Vat Red 1 73360	D&C Red No. 30 CI 73360 Aka226	1, 3, 4 1 1
		PERMANENT CARMINE FB 01	Pigment Red 5 12490	- CI 12490	- 1
		HOSTAPERM BLUE A4R	Pigment Blue 15:1 74160	- CI 74160	- 1
		PV FAST BLUE BG	Pigment Blue 15:3 74160	- CI 74160	- 1
		HOSTAPERM GREEN GNX-C	Pigment Green 7 74260	- CI 74260	- 2
				-	-

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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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