

**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 Heubach'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.





HEUBACH

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.

Heubach 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

HEUBACH GROUP

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Heubach 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	Water based liquids
Sanolin®	Sanolin liq.
	Sanolin Lave liq.
Duasyn®	Duasyn liq., Duasynjet liq.

PIGMENT PREPARATIONS	
Aqueous dispersions	Granules
Cosmenyl™ 100	Cosmenyl gran.
Flexonyl®	

DYES
Solvent soluble powders
Solvaperm®



















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 Ki5	- 1 1
		SANOLIN PONCEAU 4RC 82	Acid Red 18 Food Red 7 16255	- CI 16255 -	- 1 -
		SANOLIN RED N8G	Acid Red 249 18134	- -	- -
		SANOLIN RHODAMINE B 02* FLUORESCENT EFFECT	Acid Red 52 45100	- CI 45100 Aka106	- 4 1
		SANOLIN RED N-6B	Acid Violet 54 -	- -	- -
		SANOLIN VIOLET E2R	Acid Violet 126 -	- -	- -

SANOLIN

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- 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		USE RESTRICTION
				USA	EU	USA
		SANOLIN VIOLET FBL	Acid Violet 48	-	-	-
		SANOLIN BLUE EHRL	Acid Blue 182	-	-	-
		SANOLIN BLUE NBL	Acid Blue 80	-	-	-
		SANOLIN PATENT BLUE V 85 01	Food Blue 5:2	-	-	-
		SANOLIN BLUE AE 90	42051:2	CI 42051	1	1
		SANOLIN TURQUOISE BLUE FBL	Acid Blue 9	-	-	-
			Food Blue 2	CI 42090	1	1
			42090	A01	1	1
			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

DUASYN

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


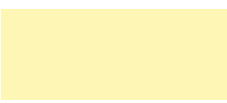










DARK SHADE	LIGHT SHADE	PRODUCT NAME	C.I. NAME C.I. NUMBER	COSMETIC LABEL NAME	USE RESTRICTION
				USA	USA
				EU	EU
				Japan	Japan
		DUASYN INK BLUE SLK	Acid Blue 93 42780	- -	- -
		DUASYN ACID BLUE AE 03	Acid Blue 9 42090	- -	- -

DYES

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	- -	- -

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 01 LIQ. VP 6273	-	-	-
		SANOLIN LAVE YELLOW GX LIQ. VP 5220	-	-	-
		SANOLIN LAVE ORANGE R LIQ. VP 5221	-	-	-
		SANOLIN LAVE RED B LIQ. VP 5222	-	-	-
		SANOLIN LAVE PINK B LIQ. VP 5454	-	-	-

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	EU	
				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 -	- -	- -

DUASYN LIQUID, DUASYNJET 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	- -	- -

PIGMENT PREPARATIONS

AQUEOUS DISPERSIONS

COSMENYL 100

- Readily pumpable and flowable aqueous dispersions
- Cosmetic 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 YELLOW 100	Pigment Yellow 1 11680	- CI 11680	- 3
				Ki401	3
		COSMENYL OXIDE YELLOW 100	Pigment Yellow 42 77492	Iron Oxide CI 77492	1, 2, 3, 4 1
				Yellow Oxide of Iron	1
		COSMENYL CARMINE OC 100	Pigment Red 5 12490	- CI 12490	- 1
				-	-

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 100

- Readily pumpable and flowable aqueous dispersions
- Cosmetic 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 VIOLET 100	Pigment Violet 23 51319	- CI 51319	- 4
		COSMENYL BLUE OC 100	Pigment Blue 15:1 74160	- CI 74160	- 1
		COSMENYL GREEN OC 100	Pigment Green 7 74260	- CI 74260	- 2
		COSMENYL BLACK 100	Pigment Black 7 77266	D & C Black No. 2 CI 77266	* 1
				Carbon Black	**

* Approved in the US for the following cosmetics ONLY: eyeliner, brush-on-brow, eye shadow, mascara, lipstick, blushers and rouge, makeup and foundation, and nail enamel(21 CFR 74.2052). Subject to certification. Not approved for drugs.

** Restricted to Carbon Blacks manufactured by channel method; 3,4-Benzpyren free. Treated as a cosmetic ingredient. Approved for quasi-drugs for the same fields as cosmetics.

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USA: Code of Federal Regulation (CFR) title 21, parts 73, 74 and 82 Permitted use categories for color additives:

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PIGMENT PREPARATIONS

AQUEOUS DISPERSIONS

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 RED SP-FGR	Pigment Red 112 12370	- -	- -
		FLEXONYL CARMINE SP-FBB	Pigment Red 146 12485	- -	- -

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Permitted use categories for color additives:

- 1 = Lip/Oral
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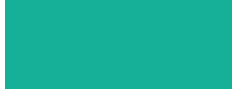
- List 1 – for application in all drugs and cosmetics (including Lip/Oral, Eye Area, External and Rinse-off)
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PIGMENT PREPARATIONS

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 NAME	USE RESTRICTION
				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	D&C Red No. 30	1, 3, 4
			Vat Red 1	CI 73360	1
			73360	Aka226	2
		PERMANENT CARMINE FB 01	Pigment Red 5	-	-
			12490	CI 12490	1
				-	-
		HOSTAPERM BLUE A4R	Pigment Blue 15:1	-	-
			74160	CI 74160	1
				Ao 404	3
		PV FAST BLUE BG	Pigment Blue 15:3	-	-
			74160	CI 74160	1
				-	-

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*For sales to customers located within the United States and Canada the following applies in addition

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SPA 3002 EN | 03.2025