

# SUSTAINABLE AND BIODEGRADABLE COLORANTS **COSMENYL® S 100**



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We at Heubach are specialized in the coloring of personal care as well as home and fabric care products such as shower gels, bar soaps, shampoos, body paints, detergents and softeners.

Limiting the consequences of climate change and successfully steering our societies and lifestyles towards greater mutual respect and cooperation are among the biggest challenges of our time. Therefore, sustainability is a core value of the new Heubach Group and the driver for our portfolio development.

We have developed a new range of sustainable pigment preparations (aqueous dispersions), Cosmenyl® S 100, based on inert inorganic pigments formulated with readily biodegradable additives. Being inert, inorganic pigments have no negative impact on nature, therefore, they are suitable for a sustainable solution. We offer a new range of various earthy, warm shades recommended for home care (laundry detergents), as well as for personal care (soaps, toothpaste) applications.

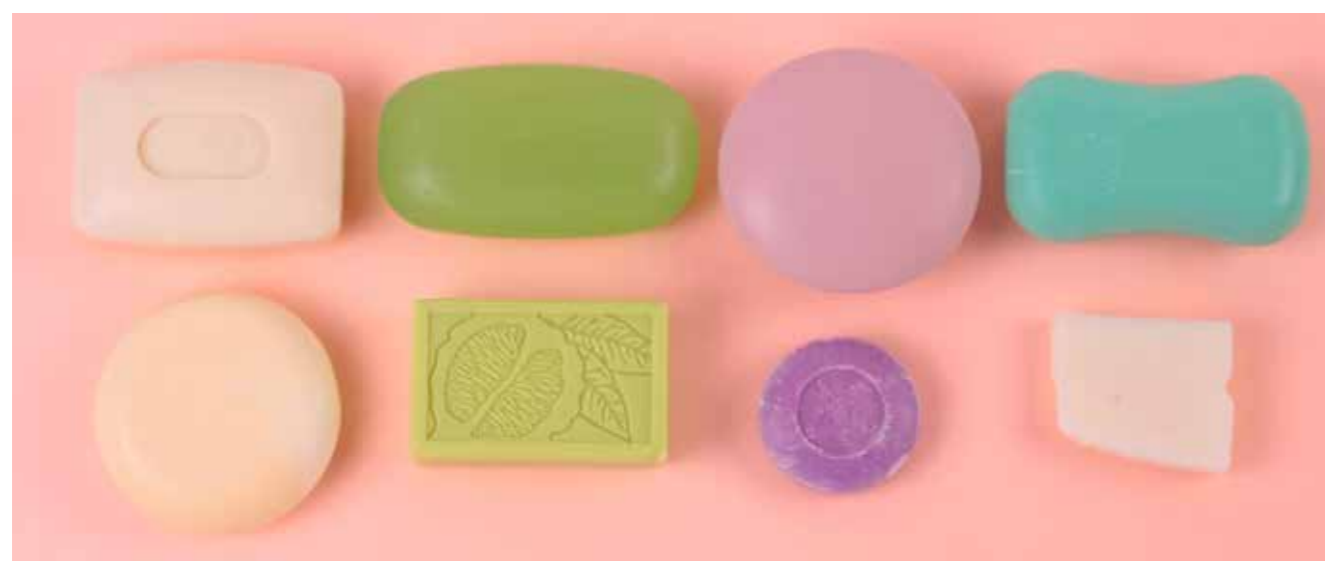
## ADVANTAGES AT A GLANCE

- The pigments are inert, and all other ingredients are readily biodegradable.
- Included in at least one of the authorized use lists for cosmetic colorants for the EU, USA or Japan.
- Optimized preservative system complying with EU regulations.
- Products meeting strict purity requirements (heavy metals, PAA, PCB) and microbiological specifications.
- Readily pumpable and flowable aqueous dispersion
- Global and regional product safety support.

## APPLICATION AREAS

Selected for the coloration of toiletries, cosmetics, as well as home care products in liquid, as paste or powder, e.g.

- Soaps
- Toothpaste
- Shampoos
- Detergents
- Speckles for powders detergent
- Cleaning agents



DARK SHADE	LIGHT SHADE	PRODUCT NAME	C.I. NAME C.I. NUMBER	COSMETIC LABEL NAME	USE RESTRICTION
		<b>COSMENYL S WHITE 100</b>	Pigment White 6	EU: CI77891	1
			77891	Japan: Titanium Dioxide	LIST 1
				USA: Titanium Dioxide	1, 2, 3, 4
		<b>COSMENYL S OXIDE YELLOW 100</b>	Pigment Yellow 42	EU: CI 77492	1
			77492	Japan: Yellow Oxide of Iron	LIST 1
				USA: Iron Oxide	1, 2, 3, 4
		<b>COSMENYL S OXIDE RED 100</b>	Pigment Red 101	EU: CI77491	1
			77491	Japan: Red Oxide of Iron	LIST 1
				USA: Iron Oxide	1,2,3,4
		<b>COSMENYL S ULTRAMARINE PINK 100</b>	Pigment Violet 15	EU: CI77007	1
			77007	Japan: Ultramarine	LIST 1
				USA: Ultramarine	2,3,4
		<b>COSMENYL S ULTRAMARINE VIOLET 100</b>	Pigment Violet 15	EU: CI77007	1
			77007	Japan: Ultramarine	LIST 1
				USA: Ultramarine	2,3,4
		<b>COSMENYL S ULTRAMARINE BLUE 100</b>	Pigment Blue 29	EU: CI77007	1
			77007	Japan: Ultramarine	LIST 1
				USA: Ultramarine	2,3,4
		<b>COSMENYL S OXIDE BLACK 100</b>	Pigment Black 11	EU: CI77499	1
			77499	Japan: Black Oxide of Iron	LIST 1
				USA: Iron Oxide	1,2,3,4

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)

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

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

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