

*The German  
spirit of quality  
since 1854*



THE WORLD'S  
FIRST CERTIFIED  
FRESH WATER  
BIODEGRADABLE  
GLITTER BRAND

COSMETIC   
**Bio-glitter**<sup>®</sup>  
PURE



## Cosmetic Bioglitter® PURE OPALESCENT, IRIDESCENT & OPAQUE GLITTER – ALUMINUM FREE GLITTER REINVENTED

**Cosmetic Bioglitter® PURE**, originally launched in 2019, was the world's first TÜV 'OK Biodegradable WATER' certified glitter range. Which is considered the highest level of independent certification for fresh water biodegradability in the world.

Due to the physical properties and chemistry of the raw materials used in Bioglitter® it is not possible to re-create the structure of a traditional plastic iridescent glitter. Therefore, we have had to take a completely different approach. Our soft focus natural color range was our first offering in this novel type of glitter. 'Opal', a mother of pearl effect and 'Vivid', a strong metallic effect. 'Opaque' is a development, that shows a matt effect.

**Aluminum Free** – All Bioglitter® PURE products do not have a reflective aluminum layer. This introduces a range of color effects unique to Bioglitter®. Being aluminum free, they do offer enhanced formulation compatibility and chemical resistance, particularly in high or low pH formulations, such as in liquid and solid soaps.

With no aluminum content they are suitable for use on lips in the US.

Cosmetic Bioglitter® PURE are also industry award winning:

**2018** – Gold award for innovation at  
'in-cosmetics global'.

**2019** – Gold award in the 'Green  
and Sustainability'  
category in  
PCHI China

### ECO CREDENTIALS

- TÜV Austria, 'OK biodegradable WATER' Certified
- Biodegrades quickly and safely in the natural environment
- Derived from natural materials rather than plastic
- Ethically and sustainably sourced raw materials

### COSMETIC SENSORY

- A NOVEL range of glitter effects never seen in the industry before
  - Natural – Soft focus effect
  - Opal – Opalescent 'mother of pearl' effect
  - Vivid – Strong color effect
  - Opaque – Matt effect
- Soft to touch

### COSMETIC SAFETY

- Globally cosmetic compliant
  - EU, USA, CHN, JPN, AUS, KOR, CAN
  - FDA Cosmetic compliant for use on lips\*
- Extremely low heavy metal content
  - <0.5 ppm Antimony (total content analysis)
- Allergen Free

### OTHER BENEFITS

- Aluminum free
  - FDA Lip compliant
  - Superior formulation compatibility e.g. suitable for use in liquid and solid soap
- Carmine/cochineal free
- Suitable for Vegetarians and Vegans

### APPLICATIONS

- Dry
- Water based
- Solvent based
- Oil based
- Anhydrous based
- Soap and surfactants  
(see technical info for more detail,  
performance by product line can vary)



Bioglitter® is based on plants  
and is independently proven  
to biodegrade in natural, fresh  
water environments.

\* Please refer to product information  
documentation for specific approvals  
for individual colors.

COLOR

COLOR



1



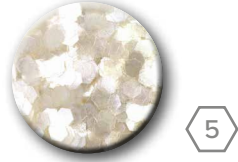
2



3



4



5



6



7



8



9



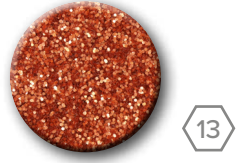
10



11



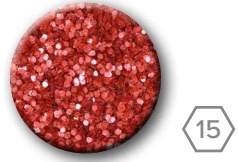
12



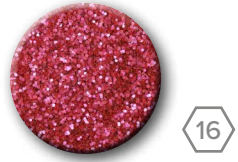
13



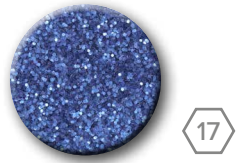
14



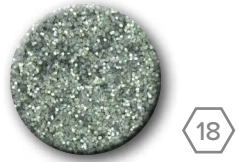
15



16



17



18



19



20



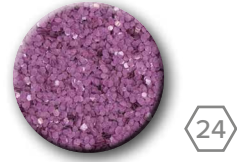
21



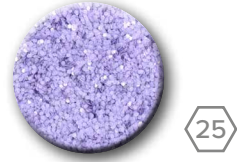
22



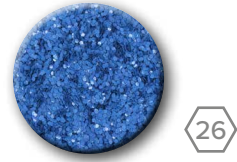
23



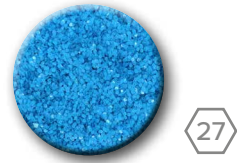
24



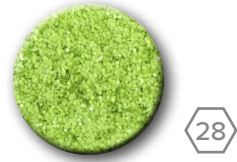
25



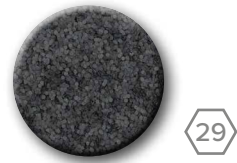
26



27



28



29



30

SIZES

EFFECT  
COLOR

## COSMETIC BIOGLITTER® PURE

SHADE				SIZE							
				16095	1609	1608	1604	1601	1610	1619	1620
Nr.	Prod.-Code	Color		0.125" 3.00 mm	0.094" 2.40 mm	0.062" 1.60 mm	0.040" 1.00 mm	0.015" 0.40 mm	0.008" 0.20 mm	0.006" 0.15 mm	0.004" 0.10 mm
1	-83900-2hex	Frost *	P.V1							●	
2	-83900-2hex	Frost *	P.V1						●		
3	-83900-2hex	Frost *	P.V1					●			
4	-83900-2hex	Frost *	P.V1				●				
5	-83900-2hex	Frost *	P.V1		●						
6	-83422-2hex	Opal Mint *	P.V1	–	○	–	●	○	○	○	–
7	-83424-2hex	Opal Rose *	P.V1	–	○	–	●	○	○	○	–
8	-83421-2hex	Opal Aqua *	P.V1	–	○	–	●	○	○	○	–
9	-83422-2hex	Opal Mint *	P.V1				●				
	-83424-2hex	Opal Rose *	P.V1				●				
	-83421-2hex	Opal Aqua *	P.V1				●				
10	-83900-2hex	Frost *	P.V1					●			
	-83900-2hex	Frost *	P.V1				●				
	-83900-2hex	Frost *	P.V1		●						
11	-83903-2hex	Light Gold *	P.V1	–	○	–	○	●	○	○	–
12	-83908-2hex	Autumn Glow *	P.V1	–	○	–	○	●	○	○	–
13	-83930-2hex	Bronze *	P.V1	–	○	–	○	●	○	○	–
14	-83954-2hex	Rose Pink *	P.V1	–	○	–	○	●	○	○	–
15	-83910-2hex	Red *	P.V1	–	○	–	○	●	○	○	–
16	-83912-2hex	Vivid Fuchsia *	P.V1	–	○	–	○	●	○	○	–
17	-83966-2hex	Ocean Blue *	P.V1	–	○	–	○	●	○	○	–
18	-83923-2hex	Sea Green *	P.V1	–	○	–	○	●	○	○	–
19	-83901-2hex	Silver *	P.V1	–	○	–	○	●	○	○	–
20	-11-2hex	Clear uncoated *	P.V1	–	○	–	○	●	○	○	–
21	-81PK-2hex	Opaque Yellow *	P.V1	○	–	○	○	●	○	–	–
22	-78PK-2hex	Opaque Peach *	P.V1	○	–	○	○	●	○	–	–
23	-33PK-2hex	Opaque Pink *	P.V1	○	–	○	○	●	○	–	–
24	-47PK-2hex	Opaque Lavender *	P.V1	○	–	○	○	●	○	–	–
25	-41PK-2hex	Opaque Light Lavender *	P.V1	○	–	○	○	●	○	–	–
26	-54PK-2hex	Opaque Blue *	P.V1	○	–	○	○	●	○	–	–
27	-55PK-2hex	Opaque Turquoise *	P.V1	○	–	○	○	●	○	–	–
28	-65PK-2hex	Opaque Green *	P.V1	○	–	○	○	●	○	–	–
29	-58PK-2hex	Opaque Black *	P.V1	○	–	○	○	●	○	–	–
30	-66PK-2hex	Opaque White *	P.V1	○	–	○	○	●	○	–	–

● Sample ○ Other Sizes – Not available

### PRODUCT CODING

From the table above add the 'SIZE' code to the 'SHADE' code  
e.g. Cosmetic Bioglitter® PURE Red 0.008" = 1610-83910-2hex

\* Commission Regulation (EU) 2023/2055 compliant.

For further information see product data sheet.





## MARKET APPLICATION

### COSMETIC

#### Cosmetic grade

for color cosmetics, skin care, hair care, personal care, events & carnival

#### METALLIC EFFECT

##### Reflection Effect



- Certified – TÜV, OK biodegradable WATER (V2)
- ISO14851/2 testing by OWS, Belgium (V1)
- Bright metallic effect

#### IRIDESCENT / OPALESCENT / OPAQUE EFFECT

##### Refraction-Reflection Effect (Aluminum Free)



- Certified – TÜV, OK biodegradable WATER
- Natural – Soft focus effect
- Opal – Opalescent 'mother of pearl' effect
- Vivid – Strong color effect
- Opaque – Matt effect

#### HOLOGRAPHIC EFFECT

##### Reflective-Diffraction Effect



- Certified – TÜV, OK biodegradable WATER
- Holographic Rainbow Effect

### DECO – DECORATIVE

#### Technical grade

for coatings, printing, fabrics, horticulture, art & decorative applications

#### METALLIC EFFECT

##### Reflection Effect



- Certified – TÜV, OK biodegradable WATER
- Bright metallic effect

#### IRIDESCENT / OPALESCENT EFFECT

##### Refraction-Reflection Effect (Aluminum Free)



- Certified – TÜV, OK biodegradable WATER
- Natural – Soft focus effect
- Opal – Opalescent 'mother of pearl' effect
- Vivid – Strong color effect

#### HOLOGRAPHIC EFFECT

##### Reflective-Diffraction Effect



- Certified – TÜV, OK biodegradable WATER
- Holographic Rainbow Effect



Certified OK Biodegradable WATER



Green and Sustainable Winner

SIGMUND LINDNER GmbH operates under Quality and Environmental Management Systems which are independently certified as meeting the requirements of ISO 9001:2015, ISO 14001:2015, ISO 50001:2018. Our manufacturing site is certified to ISO 22716:2007 for Good Manufacturing Practice (GMP).

Bioglitter® brand trademark(s) are registered trademarks of Sigmund Lindner GmbH as detailed on [www.bioglitter.com](http://www.bioglitter.com).



SIGMUND LINDNER GmbH Oberwarmensteinacher Str. 38 • 95485 Warmensteinach/Germany  
Phone (+49) 92 77 - 99 40 • Fax (+49) 92 77 - 9 94 99 • E-Mail: [info@sili.eu](mailto:info@sili.eu) • [www.sili.eu](http://www.sili.eu)