



COSMETIC 
Bio-glitter®

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Bio-glitter[®]

WHAT IS BIOGLITTER[®]?

Bioglitter[®], sometimes referred to as ecoglitter, is an environmentally friendly alternative to traditional plastic based glitter.



Developed to help tackle the part glitter plays in microplastic pollution, Bioglitter[®] uses plant material as its basis rather than polyester and will naturally degrade into harmless substances in the environment.



WHY IS BIOGLITTER® NEEDED?

The world is facing a major issue with plastic pollution and glitter has played its own small part. Defined as a microplastic, traditional polyester glitter takes hundreds of years to degrade. Due to its physical size and diverse number of applications the normal recycling bins and compost bins are typically not where glitter is found once it has been used.

Glitter in cosmetics can fall off in the natural environment, or get into wastewater after bathing, which can then end up in our rivers and oceans. Once in the natural environment, glitter like other microplastics, can cause physical harm to small organisms and end up entering the food chain.

Therefore, making a glitter that could decompose in industrial composting processes wasn't enough. We needed to go one step further and develop a glitter that would biodegrade in the natural environment.

It's also important to be mindful that the extent of glitter pollution is small in comparison to other forms of microplastic marine pollution such as vehicle tyre dust and wash fibres from manmade fabrics, however no matter how big or small the potential issue, it still needs addressing.



HOW DOES IT WORK?

Bioglitter® replaces the polyester film used in traditional glitter with a plant derived, specialised regenerated cellulose, extracted primarily from eucalyptus grown in managed plantations operating to PEFC™ standards.

It is completely durable as a glitter on shelf, however, once the product enters the natural environment such as in soil or water, microbes will degrade the biodegradable content within the Bioglitter® turning it into carbon dioxide, water and biomass.

The speed of this decomposition depends on local environmental factors, but like a leaf, Bioglitter® will degrade faster in warm and wet conditions.

WE ARE UNIQUE!

All products in the Bioglitter® family are based on a specialised, certified, naturally biodegradable film, unique to Bioglitter®.

Our latest product to join the range; Cosmetic Bioglitter® Pure utilises our state of the art developments in coating technology to offer a glitter which is 100% plastic free and will naturally biodegrade in the environment.

This means we can now offer products which are compliant with the most challenging microplastic legislation currently in force, the UK Microbeads legislation introduced in January 2018.

For further information visit www.bioglitter.com/cosmetic
and www.discoverbioglitter.com

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”

TRIO OF BENEFITS WITH BIOGLITTER®



ECOLOGICAL BENEFITS — we tick the green boxes

Cosmetic Bioglitter® is based on biodegradable film made from trees, primarily eucalyptus, environmentally sourced from responsibly managed plantations. Being derived from these raw materials as well as being absolutely free of genetically modified materials are two facts that only Bioglitter® can boast.



HEALTH BENEFITS — NO ANTIMONY MEANS HEALTHIER GLITTER

Cosmetic Bioglitter® contains low levels of heavy metals and zero antimony¹, unlike Cosmetic Polyester glitter which can have antimony levels as high as 150ppm. The antimony in Cosmetic Polyester Glitter is a by-product of a catalyst used in the manufacture of polyester and can adversely affect health.



COSMETIC BENEFITS — SILKIER AND MORE COMFORTABLE ON THE SKIN

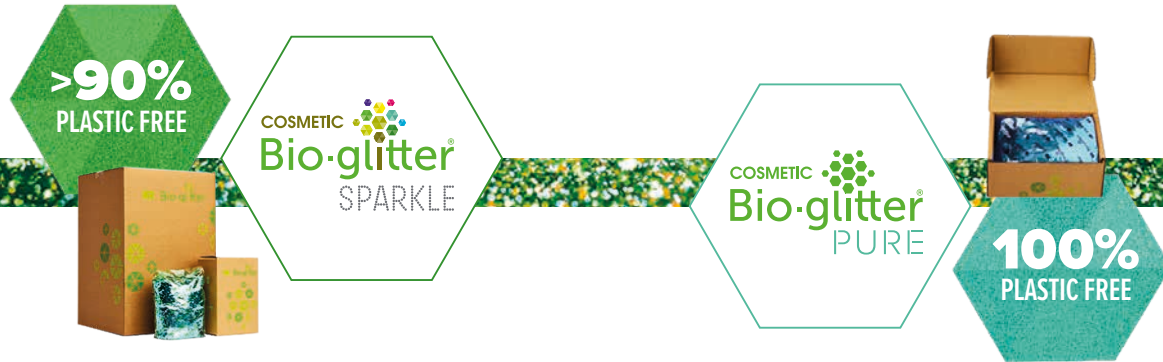
Cosmetic Bioglitter® feels much more comfortable on the skin and less irritable when worn in the hair. Bioglitter® is physically 30-40% softer than Polyester Glitter and provides an improved, more comfortable experience for the end-user. In recent blind testing, over 80% of people preferred the softer, silky feel of Bioglitter®. In addition Bio-glitter® is cut to a hexagonal shape and not square, without sharper corners associated with square cut glitter, the user experience is even further enhanced.

For further information visit www.bioglitter.com/cosmetic
and www.discoverbioglitter.com

THE BIOGLITTER® JOURNEY

The creation of Bioglitter® began in 2010, initiated by conversations with a select number of very forward thinking cosmetic manufacturers, when we became increasingly aware of the potential issues with small plastic particles in the environment.

The Bioglitter® ranges are the culmination of several years of development, offering products which are naturally degradable and, as with **Bioglitter® Pure**, plastic free. *However the journey isn't over, and our ultimate goal is to remove plastics from all our glitter ranges.*



WHERE WE ARE ON OUR DRIVE TO BEING PLASTIC FREE

We now have two products in the Cosmetic Bioglitter® range; our first product, **Cosmetic Bioglitter® Sparkle** is **>90% plastic free** and our new **Cosmetic Bioglitter® Pure**, is **100% plastic free**. Both ranges are naturally biodegradable and offer their own special effect appearance and specific properties.

The hard work is far from over, we are committed to take the original series to 100% plastic free and to create, new, never seen glitter effects for the cosmetic industry.

OUR PRODUCTS



The first product developed by Ronald Britton Ltd, now rebranded as Cosmetic Bioglitter Sparkle, **Cosmetic Bioglitter® Sparkle**, uses our unique plant derived film to offer an eco friendly glitter without equal in the industry and represents our brightest effect Cosmetic Bioglitter®.

The product is naturally biodegradable, antimony free and because of the cellulose film, it is softer than traditional glitter, making it extremely comfortable when on the skin.

Cosmetic Bioglitter® does contain a small amount of synthetic material necessary to create high reflective elements whilst retaining functionality in application. Compared with plastic glitter, this will have a significantly reduced impact on the environment and as with all Bioglitter products we are driving to achieve 100% plastic free.

FEATURES AND BENEFITS:

- >90% plastic free
- Naturally biodegradable
- 100% antimony free¹
- 30% softer on skin than polyester glitter
- Indistinguishable from polyester PET based glitter
- 15 colours and 6 sizes
- No GMO ingredients
- Suitable for vegetarians and allergen free
- Globally cosmetic compliant including EC regulation 1223/2009 and FDA Title 21 Cosmetic Regulations²
- Based on core film technology unique to Bioglitter
 - Specialised regenerated cellulose derived from renewable raw materials sourced to FSC standards
 - Certified to OK Compost Home and Marine biodegradable to ASTM D6691-09 in addition to Industrial Composing Standards EN13432 and ASTM D6400.



COSMETIC
Bio-glitter®
 SPARKLE

Code	Product Range	Colour	Shape	Sizes					
				004	006	008	015	040	094
8301/xxxH.FDA	Cosmetic Bioglitter® Sparkle	Silver	Hex	●	●	●	●	●	●
8354/xxxH.FDA	Cosmetic Bioglitter® Sparkle	Rose Pink	Hex	●	●	●	●	●	●
8310/xxxH.FDA	Cosmetic Bioglitter® Sparkle	Red	Hex	●	●	●	●	●	●
8331/xxxH.FDA	Cosmetic Bioglitter® Sparkle	Mocha	Hex	●	●	●	●	●	●
8303/xxxH.FDA	Cosmetic Bioglitter® Sparkle	Gold	Hex	●	●	●	●	●	●
8321/xxxH.FDA	Cosmetic Bioglitter® Sparkle	Spring Green	Hex	●	●	●	●	●	●
8351/xxxH.FDA	Cosmetic Bioglitter® Sparkle	Turquoise	Hex	●	●	●	●	●	●
8325/xxxH.FDA	Cosmetic Bioglitter® Sparkle	Sky Blue	Hex	●	●	●	●	●	●
8366/xxxH.FDA	Cosmetic Bioglitter® Sparkle	Ocean Blue	Hex	●	●	●	●	●	●
8313/xxxH.FDA	Cosmetic Bioglitter® Sparkle	Violet	Hex	●	●	●	●	●	●
8312/xxxH.FDA	Cosmetic Bioglitter® Sparkle	Fuchsia	Hex	●	●	●	●	●	●
8345/xxxH.FDA	Cosmetic Bioglitter® Sparkle	Dark Rose	Hex	●	●	●	●	●	●
8300/xxxH.FDA	Cosmetic Bioglitter® Sparkle	Clear	Hex		●	●	●		
8377/xxxH.FDA	Cosmetic Bioglitter® Sparkle	White	Hex		●	●	●		
8336/xxxH.FDA	Cosmetic Bioglitter® Sparkle	Black	Hex		●	●	●		

xxx = size code

OUR PRODUCTS

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 PURE

An industry first, **Cosmetic Bioglitter[®] Pure** is the only functional glitter on the market which is **100% plastic free, 100% aluminium free, 100% antimony free and naturally biodegradable.**

Using the same certified, naturally degradable film as the original Cosmetic Bioglitter[®] Sparkle, Cosmetic Bioglitter[®] Pure utilises our latest coating technology with zero use of plastic and aluminium. As a result Cosmetic Bioglitter[®] Pure is compliant with all micro plastic legislation, including the strict UK microbead legislation and also compliant with FDA legislation for use on the lips.

FEATURES AND BENEFITS:

- 100% plastic free
 - Can be used in all rinse off cosmetics, compliant with all worldwide microbead legislation
- 100% aluminium free
 - Can be use on lips, compliant with all worldwide cosmetic legislation²
- Naturally biodegradable
- 100% antimony free¹
- Softer on skin than polyester glitter
- 10 colour options in 4 sizes
- No GMO ingredients
- Suitable for vegetarians and allergen free
- Globally cosmetic compliant including EC regulation 1223/2009 and FDA Title 21 Cosmetic Regulations²
- Based on core film technology unique to Bioglitter
 - Specialised regenerated cellulose derived from renewable raw materials sourced to FSC standards
 - Certified to OK Compost Home and Marine biodegradable to ASTM D6691-09 in addition to Industrial Composing Standards EN13432 and ASTM D6400.

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 PURE

Code	Product Range	Colour	Shape	Sizes			
				006	008	015	040
83901/xxxH	Cosmetic Bioglitter [®] Pure	Silver	Hex	●	●	●	●
83903/xxxH	Cosmetic Bioglitter [®] Pure	Light Gold	Hex	●	●	●	●
83910/xxxH	Cosmetic Bioglitter [®] Pure	Red	Hex	●	●	●	●
83908/xxxH	Cosmetic Bioglitter [®] Pure	Autumn Glow	Hex	●	●	●	●
83954/xxxH	Cosmetic Bioglitter [®] Pure	Rose Pink	Hex	●	●	●	●
83926/xxxH	Cosmetic Bioglitter [®] Pure	Lavender	Hex	●	●	●	●
83923/xxxH	Cosmetic Bioglitter [®] Pure	Sea Green	Hex	●	●	●	●
83966/xxxH	Cosmetic Bioglitter [®] Pure	Ocean Blue	Hex	●	●	●	●
83930/xxxH	Cosmetic Bioglitter [®] Pure	Bronze	Hex	●	●	●	●
83900/xxxH	Cosmetic Bioglitter [®] Pure	Frost	Hex	●	●	●	●

xxx = size code

AVAILABLE
SEP
 2018

1 Total content analysis by Inductively Coupled Argon Plasma Spectrometry <5ppm, the limit of the test method.

2 Please refer to product information documentation for specific approvals for individual colours.

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COSMETIC
Bio-glitter®

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Cert No. 9125
ISO 9001, ISO 14001