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## **Cosmetic Bioglitter™ SPARKLE Dark Rose 8345/xxxH.FDA**

### **Product Information Sheet**

Cosmetic Bioglitter™ SPARKLE consists of precision cut highly reflective specialised regenerated cellulose film that is proven to biodegrade very well in natural environments. It is available in a wide range of colours and sizes. It is suited to dry, water-based and oil-based applications and complies with the cosmetic regulations of all major regions.

<b>ECOLOGICAL CREDENTIALS</b>	
<b>Biodegradability</b> Bioglitter™ SPARKLE 008 tested	<b>Biodegrades well in natural environment</b> 87% biodegradation in 28 days in ISO 14851 test (Biodegradation in natural freshwater environment)
<b>Environmental Safety</b>	<b>Not ecotoxic to fish or other aquatic life</b>

Weight	INCI Name	Alternative Name	CAS No.	EC No.	CI No.	Origin
c.72.0%	Rayon	Cellulose Regenerated	68442-85-3	270-493-7	N/A	V
c.11.0%	Glycerin		56-81-5	200-289-5	N/A	V
c.6.0%	Aqua		7732-18-5	231-791-2	N/A	MI
c.3.0%	Urea		57-13-6	200-315-5	N/A	MS
c.7.4%	Styrene/Acrylates Copolymer		9010-92-8	618-461-7	N/A	MS
max. 0.1%	Blue 1 Lake	FD&C Blue No.1 Al. Lake	68921-42-6	272-939-6	42090:2	MS
c.0.4%	Pigment Red 57:1	D&C Red No.7 Ca. Lake	5281-04-9	226-109-5	15850:1	MS
max. 0.1%	CI 77000	Aluminium	7429-90-5	231-072-3	77000	MS

V – Vegetable, MI – Mineral, MS – Mineral Synthetic

## Cosmetic Regulations Compliance

Product Code	Product Description	Cosmetic Approval						Size (xxx of product code)					
		EU	USA	CHN	JPN	AUS	KOR	004 (100µm)	006 (150µm)	008 (200µm)	015 (375µm)	040 (1mm)	094 (2.4mm)
8345/xxxH.FDA	Cosmetic Bioglitter™ SPARKLE Dark Rose	●	● <sup>LE</sup>	●	●	●	●	✓	✓	✓	✓	✓	✓

●<sup>E</sup> - FDA cosmetic regulations NOT suitable for use around eyes. Contains FDA D&C Red No.7 Ca. Lake.

●<sup>L</sup> - FDA cosmetic regulations NOT suitable for use on lips (lipstick and lip gloss). Contains aluminium.

Notes:

EU, Europe – European Cosmetic Regulation 1223/2009

USA - FDA Code of Federal Regulations (CFR) Title 21

CHN, China – Safety and Technical Standards for Cosmetics (2015)

JPN, Japan – Ministry of Health, Labor and Welfare Ordinance No.126 of July 29, 2003. QD (JSQI) regulation NOT applicable.

AUS, Australia – Industrial Chemicals (Notification & Assessment) Act 1998 and Cosmetic Standards 2007

KOR, Korea – Korean Cosmetic Products Act (KPCA), 2000

Properties	Specific Gravity	Temperature Stability
Value	c.1.45	< 120°C

Microbiological Testing	Bacteria	Moulds
Total Viable Count (TVC)	< 100	< 100

Heavy Metals	As	Sb	Pb	Cd	Hg	Ni	Cr	Co	Mo	Cu	Se	Zn	Sn	F
Total mg/kg (ppm)	< 0.5	< 0.5	< 2	< 0.1	< 0.1	< 5	< 1	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Test Method: Total content by ICP-OES/ICP-MS/IC

## Additional Information

Given the many possible uses and formulations incorporating glitters, it is the responsibility of the buyer to test performance in application before final use.

## DECLARATIONS

### Quality Management Systems

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

### Biodegradation

Bioglitter™ SPARKLE has been independently tested by OWS (Belgium) using ISO 14851 to assess biodegradation in natural aqueous environments. The results prove Bioglitter™ SPARKLE biodegrades well in freshwater conditions such as rivers and lakes, and that the certified compostable and biodegradable core film used in Bioglitter™ still biodegrades extremely well following coating (as part of the glitter finishing process).

### GMO

Ronald Britton Cosmetic Bioglitter™ SPARKLE does not contain any materials from any sources of GMO crops.

### REACH

Ronald Britton Cosmetic Bioglitter™ SPARKLE is defined as a finished article and therefore does not require registration under REACH. We can however confirm that Ronald Britton Cosmetic Bioglitter™ SPARKLE does not contain any SVHC's (Substances of Very High Concern) as defined under REACH regulations.

### CMR

Ronald Britton Cosmetic Bioglitter™ SPARKLE does not contain any ingredients that are listed as carcinogenic, mutagenic or toxic to reproduction according to Annex VI of the CLP Regulation, registered under REACH (EC) 1907/2006 and/or notified under CLP (EC) 1272/2008.

### Parabens/Phthalates/Phosphonates

Ronald Britton Cosmetic Bioglitter™ SPARKLE does not intentionally contain parabens, phthalates or phosphonates and to the best of our knowledge none of the raw materials used in the manufacture of the individual ingredients contain these chemicals.

### Child Labour/Human Rights

The Company is committed to the prevention of any violation of established human rights of any kind, particularly where child labour or undesirable forced acts are involved. The Company is committed to and encourages collaboration with organisations that support Fair Trade and operate non-exploitative employment practices in their own businesses and supply chains throughout the world.

### Product Origin/Vegetarians & Vegans/BSE

Ronald Britton Cosmetic Bioglitter™ SPARKLE is manufactured predominantly from plant derived or natural mineral materials. There are no associated risks in Bioglitter™ SPARKLE from the transmissible spongiform encephalopathies family of diseases, the most commonly known of these being bovine spongiform encephalopathy (BSE).

### Allergens

Ronald Britton glitters do not contain any of the 14 common food allergens nor any of the 26 cosmetic allergens (fragrance allergens) listed in the directive 2003/15/EC.

### Animal Testing

Ronald Britton Cosmetic Bioglitter™ SPARKLE is not tested on animals, nor are third parties contracted on our behalf to undertake any animal testing.

### Nanoparticles

Regarding the definition of the regulation 1223/2009 and French decree 2012-232. There are no nanomaterials used in the manufacture of the range of glitters supplied by Ronald Britton, nor are any nanomaterials intentionally added to any of our glitter products.

### Asbestos

Ronald Britton Cosmetic Bioglitter™ SPARKLE is not produced from asbestos or asbestos containing materials. We are not aware of any potential for asbestos or asbestos containing materials to contaminate the product in the production operation or in the raw material supply chain.

### Shelf Life

Bioglitter™ as supplied in its natural state has an indefinite shelf life providing that it is stored in a dry, dark, cool environment out of direct sunlight and away from any direct heat sources and not exposed to microorganisms. However, for good manufacturing practice we would recommend to use the product within 3 years to ensure optimum condition.