Safety Data Sheet – Lecenté Sunshine Bio Glitter 1

Date: 17-06-2010 Updated 16-08-2019

Product Name: Lecenté Sunshine Cosmetic Bio glitter

Manufacturer: Nail Perfection Ltd, Unit 15 Canal Industrial Park, Canal Road, Gravesend, Kent. DA12 2PA. United Kingdom.

Emergency Phone Numbers: +44 1474 327770

Lecenté Cosmetic Bioglitter® consists of precision cut highly reflective glitter that has been proven to biodegrade in natural environments and is 92% plastic free. It is available in a wide range of colours and sizes. It is suited to dry, water-based and oil-based applications and has undergone an independent cosmetic product safety assessment. It can also be 'sandwiched' in between nail coatings.

Weight	INCI Name	Alternative Name	CAS No.	EC List	CI No.	Origin
c.72.0%	Rayon	Cellulose Regenerated	68442-85-3	270-493-7	N/A	V
c.11.0%	Glycerin (plant derived)		56-81-5	200-289-5	N/A	V
c.6.0%	Aqua		7732-18-5	231-791-2	N/A	MI
C3.0%	Urea		57-13-6	200-315-5	N/A	MS
Max. 8.0%	Styrene/Acrylates Copolymer		9010-92-8	618-461-7	N/A	MS
0-3.0%	CI 19140 Pigment Red 57:1	FD&C Yellow No.5 Al.Lk D & C Red No. 7 Ca. Lk	122225-21-7 5281-04-9	235-428-9 226-109-5	19140:1 15850:1	MS MS
Max.01%	CI 77000	Aluminium	7429-90-5	231-072-3	77000	MI

Where required the pigments used are tested and certified for use by the FDA

V - Vegetable
MI - Mineral
MS - Mineral Synthetic

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

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

Microbial growth is unlikely following production with appropriate storage in a dry environment.
Batches are tested at random for TVC

Heavy Metals using ICP-MS	As	Sb	Pb	Cd	Hg	Ni	Cr	Sr	Ba	Co	Mo	Cu	Se	Zn	Sn	Te	Ti	F
Total mg/kg (ppm)	<.5	<.5	<2	<.1	<.1	<5	<1	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5

Individual batches are not tested for Heavy Metals but the Cosmetic Bioglitter® 83xx/xxxH.FDA range supplied by Nail Perfection Ltd is produced using pigments that have been certified for use in cosmetics according to the FDA Code of Federal Regulations (CFR) Title 21. Where required, each batch of pigment has been tested and certified by the FDA for use.

Ecological Credentials	
Biodegradability (Actual Finished BioGlitter SPARKLE 008 tested)	Biodegrades in natural environment; tested using ISO 14851 for freshwater biodegradation; 87% biodegradation achieved in 28 days
Environmental Safety (Ecotoxixity)	Not ecotoxic to fish or other aquatic life

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Product Range & Cosmetic Regulations Compliance

Product Code	Product Description	EU	USA	CHN	JPN	AUS	KOR	004	006	008	015	040	094
8341/xxxH.FDA	Cosmetic BioGlitter SPARKLE Sunshine	●	● LE	●	●	●	●	✓	✓	✓	✓	✓	✓

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, Labour 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

●E - FDA cosmetic regulations NOT suitable for use around eyes. Contains FDA D&C Red No.7 Ca. Lk.
●L - FDA cosmetic regulations NOT suitable for use on lips (lipstick and lip gloss). Contains Aluminium

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

Biodegradation
Bioglitter® SPARKLE product has been independently tested to ISO14851 by OWS, Belgium. The results prove Bioglitter® SPARKLE biodegrades in fresh water conditions representing waterways found in the country side such as river and lake water.

This further proves the certified compostable and biodegradable core/film used within Bioglitter® will still biodegrade extremely well even after it's been coated and made into a finished glitter product.

GMO
No genetically modified materials are used in the production of Nail Perfection BioGlitters. Based on information from our suppliers, none of the raw materials used to formulate Nail Perfection glitters are obtained from or contain GMO's.

REACH
Nail Perfection Cosmetic Glitters are defined as a finished article and therefore do not require registration under REACH.
Article 3(3) of Reach regulations states - "article: means an object which during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition". Glitter clearly has a definite shape, surface and design given during the manufacturing process which determine its end use rather than its chemical composition.
We can confirm that Nail Perfection Cosmetic Glitters do not contain any SVHC's (Substances of Very High Concern) as defined under REACH regulations.

CMR
The glitter products supplied by Nail Perfection Ltd do not contain any ingredients 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.

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Parabens, Phthalates, Phosphonates
Nail Perfection glitter products do not intentionally contain parabens, phthalates or phosphonates. To the best of our knowledge none of the raw material used in the manufacture of the individual ingredients used to make Nail Perfection Glitters contain these chemicals.

Child Labour / Human Rights
Nail Perfection Ltd is a UK based business with annual turnover of less than £36m and as such is not required to publish a slavery and human trafficking statement under the Modern Slavery Act 2015 Section 54(1). Nevertheless, Nail Perfection Ltd recognises the adverse effect on human rights of slavery and human trafficking and is committed to ensuring none of these practices exist in our supply chains or in any part of our business.

Product Origin/Vegetarians and Vegans/BSE
The glitter products supplied by Nail Perfection Ltd are manufactured entirely from synthetic or plant derived materials and are therefore free from any raw materials or substances derived from animal origin. The products are therefore considered safe regarding the Transmissible Spongiform Encephalopathies family of diseases, the most commonly known of these being Bovine Spongiform Encephalopathy (BSE).

Allergens
Nail Perfection do not contain any of the 14 common food allergens ie:

- Eggs
- Peanuts
- Milk
- Sesame seeds
- Fish
- Soybeans
- Mustard
- Lupin
- Crustaceans, prawns, crabs, lobster, crayfish etc.
- Sulphur dioxide (>10mg/kg or 10mg/L)
- Celery (including celeriac)
- Mollusc, clams, mussels, whelks, oysters, snails and squid etc.
- Cereals containing gluten, wheat, rye, barley, oats, spelt or Khorasan wheat etc.
- Nuts, almonds, hazelnuts, walnuts, cashews, pecan nuts, Brazil nuts, pistachio nuts, macadamia (Queensland) nuts etc.

Animal Testing
Nail Perfection Ltd supplies a range of glitter products into the cosmetics industry worldwide. Products manufactured for the NP Cosmetic Glitter range are not tested on animals, nor are third parties contracted to undertake any animal testing.

Nano Particles
Regarding the definition of Cosmetic Regulation (EC) No.1223/2009 and French Decree 2012-232, no nano materials are used in the manufacture of the glitter products supplied by Nail Perfection, nor are nano materials intentionally added to any of our glitter products.

Asbestos
Nail Perfection glitters are 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.

Ref:MCBGSUNSHINE/01