Technical Data Sheet

Gotalene® RS 410 White 23

100% Bio-based exfoliating powders for Personal Care

Article number: 7038-1

Product description

Gotalene® RS410 White 23 is a biodegradable* cosmetic additive based on **Polylactic Acid** powders that offers excellent cutaneous tolerance. It is specially developed for skin cleansing preparations and has natural, efficient and medium abrasive properties. **Gotalene® RS410 White 23** is 100% **R**enewably **S**ourced from plant sugars.

Applications

Gotalene® RS410 White 23 is used as an exfoliating agent for controlled scrubbing effects in soaps, gels and creams for face and body (face scrub cleanser, body scrubs, shower gel, exfoliating foot care, body butter, toothpaste, lip scrub, hair care...)

*Polylactic acids can biodegrade in 20 to 40 days in compost pile, in specific temperature (>60°C) and humidity conditions. Does not biodegrade in a conventional landfill.

Regulatory information

✓ Compliant with the European Cosmetics Regulation (EC) No 1223/2009.

✓ Contains no CMR, GMO, Glycol ether or substances of animal origin.

INCI name: POLYLACTIC ACID & may contain pigment and dyes (available upon request)

CAS numbers: 9051-89-2

Complementary information

- ✓ Shelf life: 1 year
- ✓ Storage conditions: Cool (T°<50°C) and dry place

Characteristics

General properties	Units	Methods	Typical Values / Ranges
Chemistry	/	/	POLYLACTIC ACID
Color	/	Visual	White
Physical form	/	/	Dry Powder
Particle size, maximum	µm	Alpine Air Jet Sieve LS200	97-100 % below 315
Particle size, mean (X50)	µm	Laser ISO 13320-1	210 – 320 (preliminary)
Melting Point	°C	Mettler DSC 822e	160-185
Specific gravity	g / cm^3	ASTM D 1505	1,25
Bulk Density	g/ml	ASTM D 1895	≥ 0.28
Melt Flow Rate	g/10min	ISO 1133 (190°C/2.16kg)	10-30
Exfoliation type	/	Sensorial	Medium

Despite the fact that Gotalene RS is formulated with biodegradable plastics, Axalta does not warrant or otherwise represent that Gotalene RS is suitable for use in rinse-off cosmetics in jurisdictions where plastic microbeads have been banned for use in such applications.

This Technical data sheet supersedes all previous issues.
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