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ECOSCRUB® 

Ecocrub products are high molecular weight bio-derived powders produced from renewable resources. Ecocrubs are designed for use as non-irritating scrub and exfoliating agents and provide the same high performance of polyethylene. They are available in a wide selection of particle size distributions that allow the formulator greater flexibility in controlling the degree of abrasiveness and scrubbing action that is desired.

These products are covered by US Patent No. 8,968,787.


PROPERTIES	TEST METHOD	ECOSCRUB 1435PC	ECOSCRUB 20PC	ECOSCRUB 40PC
Composition (INCI Name)	IR	Polylactic Acid	Polylactic Acid	Polylactic Acid
CAS No(s).		9051-89-2	9051-89-2	9051-89-2
EINECS No(s).		618-575-7	618-575-7	618-575-7
Appearance	Visual	White Powder	White Powder	White Powder
Melting Point (°C)	ASTM D4591	150-160	150-160	150-160
Density @25°C (g/cc)	ASTM D 792	1.23-1.25	1.23-1.25	1.23-1.25
Particle Size Analysis Mesh Size - Maximum Maximum Particle Size (microns)	ASTM D 1921	14 1410	20 840	40 420

PROPERTIES	TEST METHOD	ECOSCRUB 50PC	ECOSCRUB 80PC	ECOSCRUB 100PC
Composition (INCI Name)	IR	Polylactic Acid	Polylactic Acid	Polylactic Acid
CAS No(s).		9051-89-2	9051-89-2	9051-89-2
EINECS No(s).		618-575-7	618-575-7	618-575-7
Appearance	Visual	White Powder	White Powder	White Powder
Melting Point (°C)	ASTM D4591	150-160	150-160	150-160
Density @25°C (g/cc)	ASTM D 792	1.23-1.25	1.23-1.25	1.23-1.25
Particle Size Analysis Mesh Size - Maximum Maximum Particle Size (microns)	ASTM D 1921	50 297	80 180	100 150

REGULATORY INFORMATION

TSCA Registered
Heavy Metals: Pb < 20.0 ppm As < 3.0 ppm Conforms to CONEG Regulations

Applications: Green formulation scrub soaps, foot scrubs, exfoliating face scrubs, body scrubs, creams, liquids, gel and lotions.

*Ecocert Approved  Natural or Naturally Derived

Rev. 08/15

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