



REVERDIA V.O.F.

Foundation

- 2010

Branches

- Agriculture market
- Industry
- Sport and footwear
- Automotive interior
- Non-woven and fiber

Key materials

- Raw materials: starch, sugars
- Sustainable succinic acid

Key bio-based products

- Biosuccinium™

Contact

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Link to Agrobiobase



Company

Reverdia is a joint venture between Royal DSM, the global Life Sciences and Materials Sciences company, and Roquette Frères, the global starch and starch-derivatives company. Reverdia is dedicated to be the global leader in the market for sustainable succinic acid, focusing on market development by establishing partnerships with direct and indirect customers, building on customer needs and Reverdia strengths.

Reverdia started operations of the world's first dedicated commercial-scale facility for the production of succinic acid from renewable resources in December 2012. The facility has a capacity of about 10 kt and is located on the Roquette site in Cassano Spinola, Italy. Reverdia has a global presence with the headquarter in the Netherlands, Europe.



Biosuccinium™

Biosuccinium™ sustainable succinic acid is produced from renewable, plant-based resources which are converted via a unique low pH yeast process, a biotechnology process. Biosuccinium™ offers an alternative to chemicals such as fossil-based succinic acid and adipic acid. It allows customers to choose a bio-based alternative with an improved environmental footprint for a broad range of applications. Key applications include polybutylene succinate (PBS), polyester polyols for polyurethanes, coating and composite resins and (phthalate-free) plasticizers. End products include footwear, packaging and paints. See also the picture below.

Polyurethanes

Running Shoes



Automotive Textiles



Wheels



Wood & Furniture coatings



Construction



Resins

Coatings Resins



Composite Resins



Polybutylene Succinate (PBS)

Plastic Utensils



Disposable Cups



Food Packaging



Agricultural Films



Non-wovens Fibers



1,4 BDO/THF

Elastic Fibers



Engineering Plastics



Pyrrolidones

Solvents



Cables



Miscellaneous

Pharmaceuticals



Food Flavor



Metal Plating



Lubricants



Plasticizers

Polymer Modification

