



# 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  |  |  |  |  | Resins   |  |
|--|--|--|--|--|--|--|
| Running Shoes<br>    | Automotive Textiles<br> | Wheels<br>          | Wood & Furniture coatings<br> | Construction<br>      | Coatings Resins<br> | Composite Resins<br>     |
| Polybutylene Succinate (PBS)   |  |  |  |  | 1,4 BDO/THF  |  |
| Plastic Utensils<br> | Disposable Cups<br>     | Food Packaging<br>  | Agricultural Films<br>        | Non-wovens Fibers<br> | Elastic Fibers<br>  | Engineering Plastics<br> |
| Pyrrolidones   |  | Miscellaneous  |  |  | Plasticizers   |  |
| Solvents<br>         | Cables<br>              | Pharmaceuticals<br> | Food Flavor<br>               | Metal Plating<br>     | Lubricants<br>      | Polymer Modification<br> |