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## Transformational lactic acid technology

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## Propylene Glycol

Propylene glycol is a high value, high volume commodity chemical with a fast growing market across a wide range of applications from polyesters & personal care to aerospace deicers. Traditionally PG has been produced from petrochemical feed-stocks such as propylene. PG can be produced from lactic acid using existing commercialized technologies however the high cost of lactic acid produced by fermentation has limited this approach. Low cost lactic acid from Plaxica's Versalac process transforms the economics of the bio-process allowing renewable PG to compete favourably with traditional production processes.



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