

## Solvay's Epicerol® Wins JEC Innovation Award in Singapore

**Singapore, October 20, 2015** – Solvay's Epicerol® has won the JEC Asia 2015 Innovation Award for 'Bio-based ECH for more sustainable epoxy resins'. Both Solvay, owner of the Epicerol® technology and trade mark, and Advanced Biochemical (Thailand) Co., Ltd. or ABT, the producer of Epicerol®, have been awarded in the Raw Materials category.

Epicerol® is a 100% bio-based epichlorohydrin (ECH), a chemical intermediate mainly used in the production of epoxy resins, a key material for a wide range of industries namely composites, coatings and electronics. A recent partnership with customers saw Epicerol®-based epoxy resins being used in the composite matrix of a Belgian Solar Car, The Punch One, allowing for 45% bio content in the resin.

"Solvay and ABT are very proud to have been recognised for Epicerol®'s environmental performance benefits", said Pan-usa Kongmunwattana, Marketing Manager for ABT. "Epicerol® is a market competitive drop-in for petro-based epichlorohydrin and has been used worldwide by our business partners since 2012."

### About Epicerol®

Epicerol® is bio-based epichlorohydrin (ECH) produced by an innovative technology from Solvay. Based on renewable glycerol, Epicerol® is the most sustainable ECH in terms of CO<sub>2</sub> emissions and process environmental performance. Advanced Biochemical (Thailand) Co., Ltd. or ABT has been operating its world-class manufacturing unit using Solvay's proprietary technology in Thailand since February 2012.

### About JEC

JEC is the largest composites industry organisation in Europe and in the world with a network of 250,000 professionals. JEC represents, promotes and expands composites markets by providing global or local networking and information services. [www.jecomposites.com](http://www.jecomposites.com)

**SOLVAY EMERGING BIOCHEMICALS** Global Business Unit produces and supplies chlor - alkali derivatives to a wide range of industries and markets, mostly in Asia. Its PVC or polyvinylchloride resins, Siamvic®, are used in a variety of industries including automotive, building & construction, consumer goods, electrical & electronics, healthcare, packaging, plumbing and wire & cable while Caustic Soda or sodium hydroxide, strong base soluble in water, is used in various applications which are part of daily life, such as pulp and paper, aluminum, detergents, fibers, food & feed among others. Epicerol®, biobased epichlorohydrin (ECH), demonstrates environmental performance as feedstock for the production of epoxy resins, increasingly used in applications such as corrosion protective coatings, electronics, automotive, aerospace and wind turbine industries. The GBU operates via the Thai company Vinythai Public Company Ltd., and its subsidiary, [Advanced Biochemical \(Thailand\) Co., Ltd. or ABT](#) in Thailand.

As an international chemical group, **SOLVAY** assists industries in finding and implementing ever more responsible and value-creating solutions. Solvay generates 90% of its net sales in activities where it is among the world's top three players. It serves many markets, varying from energy and the environment to automotive and aerospace or electricity and electronics, with one goal: to raise the performance of its clients and improve society's quality of life. The group is headquartered in Brussels, employs about 26,000 people in 52 countries and generated 10.2 billion euros in net sales in 2014. Solvay SA ([SOLB.BE](#)) is listed on [EURONEXT](#) in Brussels and Paris (Bloomberg: [SOLB.BB](#) - Reuters: [SOLB.BR](#)).

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