

Mitsui Chemicals Ships First Bio-Based Phenol in Asia

Mitsui Chemicals, Inc. (Tokyo: 4183; President & CEO: HASHIMOTO Osamu) today announced that it has shipped bio-based phenol for the first time in Asia. Derived from bio-based hydrocarbons that Mitsui Chemicals received at its Osaka Works in Takaishi, Osaka, last December from Neste Corporation, this phenol is certified as bio-based using the mass balance method in accordance with ISCC PLUS certification for plastic and chemical derivatives.

Going forward, Mitsui Chemicals intends to also begin shipping other products created through the same method, including biomass acetone.

Mitsui Chemicals is working to realize a circular economy through the two-pronged approach of chemical recycling and conversion to bio-based materials. Aiding in the effort to circumvent global warming, bio-based production represents an avenue of strategic importance when it comes to achieving carbon neutrality by 2050. In conjunction then with its development of materials and processes toward this end, Mitsui Chemicals aims to leverage its first shipment of bio-based hydrocarbon derivatives toward promoting the implementation of bio-based chemicals and plastics into society.



Osaka Works



Phenol plant

“We are delighted to have been able to ship and deliver what is the first bio-based phenol we have made from bio-based raw materials* through the mass balance method,” said YOSHINO Tadashi, Member of the Board and Senior Managing Executive Officer, Mitsui Chemicals. “Helping to build a sustainable society is part of our materiality – and going forward, we will work with various stakeholders to gradually get bio-based materials into full-fledged use.”



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* Related press releases:

November 24: Mitsui Chemicals and Prime Polymer Acquired ISCC PLUS Certification

https://jp.mitsuichemicals.com/en/release/2021/2021_1124.htm

December 14: Mitsui Chemicals Readies Japanese-First Production of Plastics, Chemicals From Bio-Based Hydrocarbons

https://jp.mitsuichemicals.com/en/release/2021/2021_1214.htm