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Mitsui Chemicals, Inc.

## Mitsui Chemicals Completes Acquisition of ISCC PLUS Certification for All 7 of the Group's Phenol-Chain Products

Launch of joint research with the University of Tokyo's Institute for Future  
Initiatives on life cycle assessment of bio-based hydrocarbon derivatives

Mitsui Chemicals, Inc. (Tokyo: 4183; President & CEO: HASHIMOTO Osamu) today announced that it has acquired certification for two more phenol-chain products under the International Sustainability and Carbon Certification (ISCC) PLUS system for certifying sustainable products. The certification gained for IPA this past April and for MIBK in July means that ISCC PLUS certification has now been acquired for all seven of the Mitsui Chemicals Group's phenol-chain products\*.

\*The seven products: phenol, acetone, alpha-methylstyrene, bisphenol A, epoxy resin, IPA and MIBK

Aiming to expand the social implementation of biomass-based products under a mass balance system, Mitsui Chemicals plans to continue working toward the acquisition of ISCC PLUS certification across the Mitsui Chemicals Group to contribute to further advances in society's use of biomass.

### ■ Products newly eligible to use ISCC PLUS certification

Product	Main applications
Isopropyl alcohol (IPA)	Ink, electronic material cleaner, reaction solvent
Methyl isobutyl ketone (MIBK)	Paint, ink, adhesives

\*The Mitsui Chemicals Group pledges its commitment to complying with the ISCC PLUS requirements, in accordance with the latest ISCC regulations, and to avoiding the practice of double counting the Group's environmental contributions.

### ■ Newest initiative involving the seven phenol-chain products

Mitsui Chemicals has signed a joint research agreement with Mitsui & Co., Ltd., as well as a group led by Associate Professor KIKUCHI Yasunori of the Institute for Future Initiatives at the University of Tokyo, concerning life cycle assessments (LCAs) for both epoxy resins derived from bio-based hydrocarbons and those derived from petroleum naphtha. In the process of this joint research, which has already begun, LCAs will also be carried out for phenol, acetone, alpha-methylstyrene and bisphenol A. The results of these LCAs for phenol-chain products derived from bio-based hydrocarbons – the first such LCAs to be undertaken in Japan – are set to be published before the end of fiscal 2023.

Mitsui Chemicals plans to visualize the effects of its efforts to reduce emissions of greenhouse gases and other substances of concern.

### ■ Products already eligible to use ISCC PLUS certification

Please refer to the "Bio-based hydrocarbon derivatives via the mass balance method" section of the



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page about the Mitsui Chemicals Group's BePLAYER™ products:

<https://jp.mitsuichemicals.com/en/sustainability/beplayer-replayer/beplayer/>