



Brussels, May 26th, 2025

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The Technical Committee of the European PET Bottle Platform (EPBP) was requested to assess the effect of: Amosorb Oxyloop-1 from Avient on the quality of recycled PET bottles streams.

The application refers to a Polyester based oxygen scavenger Barrier for PET Bottles

Based on the EPBP assessment outcome and current market knowledge, the European PET Bottle Platform (EPBP) concludes that: Amosorb Oxyloop-1 from Avient will not have a negative impact on current European PET Coloured Bottles Recycling and have awarded an endorsement for a concentration of Amosorb Oxyloop-1 oxygen scavenger in the PET bottle up to 3%, by weight, combined with a market penetration up to 8%. The 8% figure refers to overall weight of the barrier bottles in EU market.

EPBP will continue to monitor any effect of the resins listed above on EU recycling streams. All ingredients used in these formulations must be compliant with Commission Regulation (EU) No 10/2011 for direct food contact and its subsequent amendments and any rPET used must comply with applicable EU legislation (e.g. Commission Regulation (EU) 2022/1616) as well as (where required) local legislation.

Upon prior notice to Avient the EPBP reserves the right to update and change the conditions of this technical opinion at any time in accordance with the most recent technologies, assessments and experience.

The European PET Bottles Platform EPBP is an industry initiative that provides PET bottle design guidelines for recycling, evaluates bottle packaging solutions and technologies, and facilitates understanding of the effects of new PET bottles innovations on recycling process. The EPBP initiative fully supports the economic and Environmental sustainability of the European PET value chain.