

Product Information Sheet

Product

Paper cup - Just Paper Cup

Material

Paperboard and printing inks

Packaging

Inner: Paper sleeve

Outer: Corrugated board box

Field of Application

The cups are suitable for all aqueous, acidic, and alcoholic beverages, both hot and cold, under maximum hot-fill conditions (up to 100 °C for 15 minutes). Be aware, if used or left with content inside for several hours, leakage may occur, particularly when used with beverages containing high alcohol content (>20%).

The cups should not be used for reheating beverages in a microwave as this may compromise their stability, increasing the risk of burns.

Packaging and Packaging Waste

As the cups can be considered packaging, they comply with all essential requirements set out in Directive 94/62/EC on packaging and packaging waste, as well as the forthcoming Packaging and Packaging Waste Regulation (PPWR), Regulation (EU) 2025/40. This includes:

- Use of the minimum adequate amount of packaging,
- Limitation of heavy metal content, and
- Design enabling recovery through at least one of the following: reuse, recycling, material recovery, energy recovery, or composting (see section 'End of Life' for details)

PFAS (per- and polyfluoroalkyl substances) are **not** being used in any step of the manufacturing of the products covered by this data sheet.

Environmental Aspects

Product

The cups are made from virgin-fiber paperboard.

The cupstock uses a fibre-based substrate with an integrated barrier that contains no synthetic polymers and no chemically modified natural polymers as defined under Article 3(1) of Directive (EU) 2019/904 (SUPD). The barrier is based on non-chemically modified natural components incorporated into the fibre matrix rather than a separate polymer film or coating layer. Supported by independent third-party testing indicating the absence of synthetic polymer content, the material does not meet the SUPD definition of a plastic and is therefore not classified as a single-use plastic under Directive (EU) 2019/904. For this reason, the marking requirements for SUPD plastic items ("turtle logo") do not apply to this product.

Packaging

The paper sleeve is made from virgin fibers and is used for packaging purposes.

The corrugated board box is unbleached and to a large extent made of recycled fibers.

Product Safety

The product (incl. printing inks) fulfils the following:

- Article 3, 11(5), 15 and 17 of Regulation (EC) No 1935/2004 (Framework regulation)
- EU Regulation 2023/2006/EC (GMP)
- German LFGB (Lebensmittel- und Futtermittelgesetzbuch) and relevant recommendations of the German Federal Institute for Risk Assessment (BfR), in particular BfR Recommendation XXXVI "Paper and board for food contact".
- French DGCCRF Fiche MCDA-n°4 (V02 – 01/01/2019). DGCCRF (Direction générale de la concurrence, de la consommation et de la répression des fraudes) - guidance on compliance for organic materials based on plant fibers (such as paper and board) intended for food contact
- Printing inks follow EuPIA guidelines
- EU Regulation (EU) 2024/3190 on the use of bisphenol A (BPA) and other bisphenols
- Article 5 of Regulation (EU) 2025/40 on Packaging and Packaging Waste (PPWR) regarding the restriction of per- and polyfluoroalkyl substances (PFAS).
- Duni manufacturing units are certified according to the international quality system ISO 9001. They have also implemented the environmental management system ISO 14001.

End of Life

Recycling

Used products should be handled according to local regulations, for best guidance, please check with local waste handling company.

The board has been evaluated for recyclability in standard paper and board recycling streams by independent institutions and certification schemes, including EN 13430-based assessments and specialized paper-recycling tests. The assessment supports the conclusion the cups can be recycled in paper streams, provided that:

- Local collection schemes and paper mills accept paper cups in their input, and
- The share of non-paper components (e.g. incidental packaging films, external labels) remains within the acceptance criteria of the receiving facilities.

Recycling the packaging material (paper sleeve and the corrugated board) is possible.

Compostability

The cups are certified for home composting under the DIN CERTCO standard.

Energy Recovery

Incineration facilities for energy recovery are dependent on local infrastructure. Incineration for energy recovery is a good alternative when material recovery is not available by recycling.

Validity

This is issued 2026-02-11. It is revised when there is a change in the manufacturing process, in the product or in legislation.