ENVIRONMENTAL AND PRODUCT DATA SHEET

Product
Paper cups (Melli cups and Double wall cups)

Material
Paperboard with a water-based impregnation manufacturing process (< 0.75 % *(w/w)*)
Printing inks

Packaging
Inner: PE
Outer: Carton

Area of Use
The cups can be used with all kinds of beverages up to 90 °C. The cups can be safely used with all aqueous, acidic and alcoholic beverages up to an alcohol content of 10%.

Limitations of the material:

- Paper is a fibrous material and as the cups have no plastic lamination, they are recommended for short term use.
- Higher alcohol content can cause the cup to leak if left for several hours.
- The cups should not be used in a microwave oven.

Environmental Aspects
Product
The paper is made from FSC-certified virgin renewable wood fibres. The cup is FSC certified according to “Mixed Sources” certification number DNV-COC-000148.

The paper contains as water-based formula with very low amounts of synthetic polymers. This formula makes up less than 0,75% of the cup’s weight, which is significantly low compared to a classic plastic laminate cup containing appr. 10 % plastic. The cup is labelled with the “turtle” from the Single-Use Plastic Directive 2019/904 (SUPD).



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

Packaging
PE foil is made from fossil sources and is used for packaging purposes.

The corrugated board box is to a large extent made of recycled fibres.

Packaging and Packaging Waste
The packaging complies with all essential requirements as defined by Directive 94/62/EC on packaging and packaging waste. This means minimum adequate amount of packaging, limitation of heavy metal content, recyclable through at least one of the following: reuse, recycling, material recovery, energy recovery or composting (more details under Management of Used Products).

205635_PI_en_20991231

DUNI GROUP
P.O Box 237 | SE-201 22 Malmö |Sweden
Phone +46 40 10 62 00 | Org.No. 5565367488 | Reg. Office Malmö
www.dunigroup.com

Product Safety
The product fulfils the following:

- EU Regulation 1935/2004/EC
- EU Regulation 2023/2006/EC
- BfR recommendation XXXVI, Paper and board for food contact and LFGB
- Duni manufacturing units are certified according to the international quality system ISO 9001. They have also implemented the environmental management system ISO 14001.

Management of Used Products
Recycling
The cups may be sorted with paper for recycling. However, recycling depends on collection, sorting and general material acceptance. Always consult with a local waste handler for recycling recommendations.

Compostability
The product is compostable in a home compost environment which means composting allows products to biodegrade under those conditions. The products are certified for use of the 'Garden Compostable' conformity mark with certificate number 9P0167.

Some areas may allow products to be disposed with food waste, but to be sure, please check with local waste handling company.

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 2024-10-14. It is revised when there is a change in the manufacturing process, in the product or in legislation.

205635_PI_en_20991231