Environmental and product data sheet

Product
Bagasse cups “Sweet” with coating

Product composition
Sugarcane fibre paperboard with a water-based impregnation manufacturing process
Printing inks

Packaging
Inner: PE + Cardboard
Outer: Corrugated board box

Intended Use
The cups can be used with all kinds of beverages up to 90 °C.

Limitations of the material:
Paper is a fibrous material and as the surface of the cups have no plastic lamination, therefore they are not suitable for long-term use due to potential loss of stability.

The cups are not suitable to be used in a microwave oven.

Environmental Aspects
Product
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 94/62/EC. For example minimum adequate amount of packaging, limitation of heavy metal content, recyclable through at least one of the following: reuse, material recovery, energy recovery or composting.

Product Compliance
Duni declares that the article meets the requirements of:

- EU Regulation 1935/2004 (Framework regulation)
- EU Regulation 2023/2006/EC (GMP)
- 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.

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Product End of Life

Collection, sorting and material recovery are all part of the recycling process. Recycling is dependent on local waste handling infrastructure. Ease and recyclability of a product depends on the type of material, composition and sometimes color.

The product and its packaging may be recycled with plastic or paperboard respectively, but always consult with a local waste handler for recycling recommendations.

Energy Recovery

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

Validity

This document is issued 2024-09-06. It is revised when there is a change in the manufacturing process, in the product or in legislation.

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