

ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

Product

PLA-laminated bagasse cup SWEET

Material

Bagasse (100%)
PLA-lamination

Packaging

Inner: PE
Outer: Carton

Area of Use

The cups can be used safely with all aqueous and acidic foods and alcoholic foods up to an alcohol content of 20 %. The cups can be used for hotfill and temperatures up to 70°C for 2 hours.

The cups are not suitable to use in microwave oven.

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
- Migration tests on the article material performed by an independent institute showed that under appropriate test conditions, overall and specific (when relevant) migration falls considerably below the limit given by regulation 10/2011. (For further details, see *Declaration of Compliance*).
- Duni manufacturing units are certified according to the international quality system ISO 9001. They have also implemented the environmental management system ISO 14001.

Environmental Aspects

Product

The cups are manufactured from secondary left-over material from sugarcane fibres.

The coating is made from PLA (polylactic acid) which originates from renewable sources.

All material in the cup is made from renewable resources.

Packaging

PE is manufactured from mineral oil or natural gas.

The corrugated board is unbleached and to a large extent made from recycled fibres.

Labelling

The cups are compostable in industrial facilities and complies with EN13432.

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).

Product End-of-Life

Energy Recovery

All the materials are suited for energy recovery. Incineration of mixed waste for energy recovery is a good end-use of products. Paper and plastic may burn well with low emissions.

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.

Recycling

The cups can be sorted with paper for recycling. Check with the local waste handling company for best information on how to handle the product after use as markets and countries handle recycling differently.

Compostability

The product is compostable in industrial facilities and complies with EN standard 13432:2000 for packaging

recoverable through composting and biodegradation. Check with the local waste handling company for best information.

Validity

This is a copy of a document issued 2021-05-04. It is normally updated every second year or when there is a change in the manufacturing process, in the product or in legislation.