

# ENVIRONMENTAL AND PRODUCT DATA SHEET

## **Product**

Cup SWEET  
PLA-laminated cup made from sugarcane fibres

## **Material**

Sugarcane fibres (70%), bamboo (25%) and reed (5%)  
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 product is made from secondary left-over material from sugarcane fibres.

Sugarcane fibre is the fibrous residue that remains after the sugar has been extracted from the sugarcane stalks. Being a by-product and a rapidly renewable material with a low carbon footprint, it is the perfect sustainable choice.

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

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).

### **Management of Used Products**

#### 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.

The product complies with EN standard 13432:2000 (also called industrial composting) for packaging recoverable through composting and biodegradation. Industrial composting is dependent on local infrastructure.

#### **Ok Compost Industrial**

Certificate for awarding and use of the 'OK Compost Industrial' conformity mark TA8012206516.

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

#### 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.

#### 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 2023-05-03. It is revised when there is a change in the manufacturing process, in the product or in legislation.