

## ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

### **Product**

PLA-laminated (double) bagasse cup BREEZE

### **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 are double laminated meaning they have outside lamination making them more suitable for ice cold beverages than cups with only lamination on the inside.

The cups are not suitable to use in microwave oven.

Each cup has filling line and are CE-marked in accordance with Directive 2014/32/EU (measuring instruments).

Cup	Filling line
CUP BAG/PLA 35CL BREEZE	0.3 L
CUP BAG/PLA 47CL BREEZE	0.4 L
CUP BAG/PLA 59CL BREEZE	0.5 L

### **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 origins 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.