



## ENVIRONMENTAL AND PRODUCT DATA SHEET

### **Product**

Bowls, boxes, dressing cups, lids, plates, platters and Amuse Bouche (brown or white)

### **Material**

Sugarcane fibers

### **Packaging**

Inner: Polyethylene (PE)

Outer: Corrugated board

### **Area of Use**

The bagasse products can be used safely with all types of foods up to 90°C but due to functional properties please be aware:

- The bagasse material has reduced resistance for moist and grease and therefore primarily recommended for short-term use. For dry food the products can be used for long period of time.
- The bagasse products can handle moderate microwave heating but should be used with caution to avoid overheating. Brief reheating is recommended up to 3 minutes at 600 W. Prolonged microwave exposure can cause the material to soften or lose shape.
- Not to be used in conventional oven.
- If put in refrigerator or freezer condensation on the material may lead to weakening of the material.

Different kinds of food can have an impact on the physical behaviour of the bagasse. Duni's recommendation is for the customer to test their application for their needs.

### **EC Directive 94/62/EC on 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.

### **Environmental Aspects**

#### **Product**

The product is made from secondary left-over material from sugarcane.

Sugarcane fiber 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.

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PFAS (per- and polyfluoroalkyl substances) are not being used in any step of the manufacturing of the lid.

#### *Packaging*

Polyethylene is made from fossil sources. The corrugated board box is to a large extent made of recycled fibers.

#### **Product Safety**

The product fulfils the following:

- Regulation (EC) No 1935/2004 (Framework regulation)
- EU Regulation 2023/2006/EC on Good Manufacturing Practice (GMP).
- LFGB (BfRXXXVI)
- Order No. 681 of May 25 (2020) from Danish Ministry of Environment and Food on ban of per- and polyfluoroalkyl substances (PFAS) in paper and cardboard food contact materials.
- Duni manufacturing units are certified according to the international quality system ISO 9001. They have also implemented or will implement the environmental management system ISO 14001.

#### **End of Life**

##### *Recycling*

The product may be recycled with cardboard and paper materials. However, recycling depends on collection, sorting and general material acceptance. 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 a good alternative when material recovery is not available by recycling.

#### **Validity**

This is issued 2024-11-27. It is revised when there is a change in the manufacturing process, in the product or in legislation.