



## ENVIRONMENTAL AND PRODUCT DATA SHEET

### **Product**

#### *Lipid*

*Lipid transforms the drinking experience by allowing customers to drink directly from the rim of the cup, without the need for traditional plastic lids.*

### **Material**

Bagasse and bamboo fibers

### **Packaging**

Inner: Polyethylene (PE)

Outer: Corrugated board

### **Area of Use**

The lids can be used safely with all types of foods up to 90°C but due to functional properties please be aware the material has reduced resistance for moist and grease and therefore primarily recommended for short-term use.

Staining may occur on the material during use.

### **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 and bamboo fibers.

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.

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 2024-10-14. It is revised when there is a change in the manufacturing process, in the product or in legislation.