



## Environmental and product data sheet

### **Product**

Paper cups

### **Product composition**

Paperboard with a water-based impregnation manufacturing process  
Printing inks

### **Packaging**

Inner: PE + Cardboard  
Outer: Corrugated board box

### **Intended Use**

The cups can be used with all kinds of beverages up to 90 °C.

#### Limitations of the material:

Paper is a fibrous material and as the surface of the cups have no plastic lamination, therefore they are not suitable for long-term use due to potential loss of stability.

The cups are not suitable to be used in a microwave oven.

### **Environmental Aspects**

#### ***Product***

The paper is made from FSC-certified virgin renewable wood fibres. The cup is FSC certified according to "Mixed Sources" certification number DNV-COC-000148.

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 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.

### **Product Compliance**

Duni declares that the article meets the requirements of:

- EU Regulation 1935/2004 (Framework regulation)
- EU Regulation 2023/2006/EC (GMP)
- BfR recommendation XXXVI, Paper and board for food contact and LFGB
- 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 plastic in this film is made from fossil sources.

### ***Packaging***

PE foil is made from fossil sources and is used for packaging purposes.

The corrugated board box is primarily made of recycled fibres.

### **Product End of Life**

Collection, sorting and material recovery are all part of the recycling process. Recycling is dependent on local waste handling infrastructure. Ease and recyclability of a product depends on the type of material, composition and sometimes color.

The product and its packaging may be recycled with plastic or paperboard respectively, but 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 an alternative when material recovery is not available by recycling.

### **Validity**

This document is issued 2024-07-10. It is revised when there is a change in the manufacturing process, in the product or in legislation.