



## ENVIRONMENTAL AND PRODUCT DATA SHEET

### **Product**

Cutlery for multiple use made from CPLA

### **Material**

Crystallized polylactic acid (CPLA)

### **Packaging**

Inner: PE

Outer: Corrugated board

### **Field Of Application**

The cutlery can be used safely with all types of food, serving hot and cold. The cutlery is not suitable to be used in a microwave oven.

### **Wash and reuse**

The cutleries have an extra sturdy design and have been tested for dish washer use according to standard EN 12875. They can withstand washing with a household dishwasher at 60 °C for up to 50 cycles.

### **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**

Crystallized polylactic acid (CPLA) is a bioplastic produced from fermented corn starch, a surplus renewable material. The material is chemically identical to PLA but crystallized which makes it stronger.

Choose CPLA to promote the change from fossil-based plastic to biobased alternatives from plants.

#### **Packaging**

Polyethylene is made by refining of mineral oil or natural gas. The polymer consists simply of carbon and hydrogen. The corrugated board box is to a large extent made of recycled fibres.

The corrugated board box is made from wood, which is a renewable resource.



### ***Product Safety***

The product fulfils the following:

- EU Regulation 1935/2004/EC, Material and products intended for contact with foodstuff.
- EU Regulation 2023/2006/EC, Good Manufacturing Practice.
- EU 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 or will implement the environmental management system ISO 14001.

### ***End of Life***

#### ***Recycling***

Collection, sorting and material recovery are all part of the recycling process. Recycling is dependent on local waste handling infrastructure.

There is currently no general recycling stream for CPLA. While it may be collected, it won't get recycled. Check with the local waste handling company for best information on how to handle the product after use.

#### ***Compostability***

The cutlery are compostable in industrial facilities and complies with EN standard 13432:2000 for packaging recoverable through composting and biodegradation under use of the 'OK Compost Industrial' conformity mark TA8011903288.

INDUSTRIAL composting requires industrial composting facilities. Sorting and facilities are limited to local infrastructure. Please check with the local waste handling company for best end-of-life handling.

#### ***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 2024-09-10. It is revised when there is a change in the manufacturing process, in the product or in legislation.