

ENVIRONMENTAL AND PRODUCT DATA SHEET

Product

Cup BREEZE
PLA-(double) laminated cup made from sugarcane fibres

Material

Sugarcane fibres (70%), bamboo (25%) and reed (5%)
PLA-lamination

Packaging

Inner: PE
Outer: Carton

Area of Use

The cups can be safely used with all aqueous, acidic and alcoholic beverages up to an alcohol content of 20%. The cup can be safely used up to 70 °C but due to functional performance the Breeze cup is primarily recommended for cold drinks. For hot beverages the Biopak Sweet cup or other single-walled cups are more suitable.

Higher alcohol content can cause the cup to leak if left for several hours.

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).

<u>Cup</u>	<u>Filling line</u>
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 product is made from secondary left-over material from sugarcane fibres.

Sugarcane fibre 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.

The coating is made from PLA (polylactic acid) which originates from renewable sources.

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.

Labelling

The cups are labelled with the Ok Compost Industrial logo.

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).

Management of Used Products

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.

The product complies with EN standard 13432:2000 (also called industrial composting) for packaging recoverable through composting and biodegradation. Industrial composting is dependent on local infrastructure.

Ok Compost Industrial

Certificate of awarding and use of the 'OK Compost Industrial' conformity mark TA8012206516.

Some areas may allow products to be disposed with food waste, but to be sure, please check with local waste handling company.

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.

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 2023-04-11. It is revised when there is a change in the manufacturing process, in the product or in legislation.