



# ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

**Product**

Duni EcoEcho® Paper cup

**Raw Material**

Paper board PLA-lamination

**Additive**

Printing inks –water based

**Packaging**

Inner: PE

Outer: Carton

**Field Of Application**

The cups can be used for hot and cold beverages. The article can be used for hotfill and temperatures up to 70°C for 2 hours.

The cups should not be used in a microwave oven.

**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**

Duni EcoEcho® cups are manufactured from virgin pulp and PLA (polylactic acid) which originates from renewable sources. The paper is from renewable resources.

**Packaging**

PE is manufactured from mineral oil or natural gas. The polymer consists simply of carbon and hydrogen.

The corrugated board is unbleached and to a large extent made from recycled fibres.

**Product Safety**

The product fulfils the following:

- EU Regulation 10/2011/EC with amendments
- EU Regulation 1935/2004/EC
- EU Regulation 2023/2006/EC
- The paper board fulfils the German recommendation BfR XXXVI.
- 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.

**Management Of Used Products****Energy Recovery**

All the materials are suited for energy recovery. Complete combustion gives mainly rise to carbon dioxide and water. The energy content of plastics/paper is comparable to that of oil/ wood.

**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.

**Recycling**

Recycling of the plastic and the corrugated board is possible for producing new products. Check with the local recycling company.

**Validity**

This is a copy of a document issued 2019-10-04. It is normally updated every second year or when there is a change in the manufacturing process, in the product or in legislation. To make sure that you have the latest edition, contact Duni AB.