



ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

Product

Paper cups EcoEcho™

Raw Material

Paper board
PLA laminated

Additives

Printing inks –water based

Packaging

Inner: Polyethylene PE
Outer: Corrugated board box

Field Of Application

The paper cups are suitable for hot or cold (non-alcoholic). They can be used for hotfill.

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

Paper is made from wood, which is a renewable resource. The pulp is unbleached.

Packaging

Polyethylene is a polymer produced from refining of mineral oil or natural gas. The polymer consists simply of carbon and hydrogen. The corrugated board box is made from wood, which is a renewable resource.

Product Safety

The product /raw material fulfil the following:

- EU Regulation 1935/2004/EC, Material and products intended for contact with foodstuff.
- EU Regulation 2023/2006/EC, Good Manufacturing Practice.
- EU Regulation 10/2011/EC with amendments, Material and products of plastic produced for contact with foodstuff.
The cups have been tested regarding global migration.
- The paper board fulfills the German recommendation BfR XXXVI.
- Duni manufacturing units are certified according to the international quality system ISO 9001 and 9002. They have also implemented or will implement 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 2015-10-22. 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, Environmental Affairs.