

# ENVIRONMENTAL AND PRODUCT DATA SHEET

**Product**

Paper plates, unlaminated

**Raw Material**

Paper board

**Packaging**

Inner: Polyethylene (PE)

Outer: Corrugated board

**Field Of Application**

The plates are suitable for dry, moist and fatty foods up to 90°C at the moment of filling, after which the food cools down.

The cardboard has no lamination or other barriers for fat or moist. Therefore, due to physical properties the plates therefore perform best with for dry food and short time usage.

Plates are not intended for use in microwave oven or conventional 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**

Paper is made from wood, which is a renewable resource. The pulp is unbleached and made from 100% virgin fibres

**Packaging**

PE is a polymer produced from refined 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.

In the manufacturing of the plates, PFAS (per- and polyfluoroalkyl substances) are **not** being used in any step.

**Certificates & Labelling**

The product is FSC® certified (Forest Stewardship Council). FSC is an independent organization to promote responsible forestry.

**Product Safety**

The product /raw material fulfil the following:

- EU Regulation 1935/2004/EC, Material and products intended for contact with food.
- EU Regulation 2023/2006/EC, Good Manufacturing Practice.
- The paper board fulfills the German recommendation BfR XXXVI.
- Duni manufacturing units are certified according to the international quality system ISO 9001. They have also implemented the environmental management system ISO 14001.

**Storage**

Recommended storage conditions are 45-55% relative humidity and 19-23°C not in direct sunshine. The plates do not have an exact expiry date but its recommended the plates are used within 3 years from the date of production.

**Management Of Used Products****Recycling**

Collection, sorting and material recovery are all part of the recycling process.

Recycling of the plastic and the corrugated board is possible for producing new products. As recycling is dependent on local waste handling infrastructure make sure to check with the local recycling company.

**Compostability**

The product is compostable in a home compost environment which means composting allows products to biodegrade under those conditions.

**Garden Compostable**

Certificate for awarding and use of the 'DIN Tested - Garden Compostable" mark 9P0072

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

**Energy Recovery**

Incineration of mixed waste for energy recovery is a good end-use of products. Paper and plastic may burn well with low emissions.

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 a copy of a document issued 2023-06-28. 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.