



ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

Product

CPLA cutlery

Raw Material

Crystalized polylactid acid (CPLA)

Additives

Color

Packaging

Inner: Polybag

Outer: Corrugated board box

Field Of Application

The cutlery is suitable for all kinds of hot or cold food up to 70°C.

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

Poly lactid acid is a polymer produced from corn starch, which is a renewable source.

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 materials fulfil the following:

- EU-directive 10/2011/EC "Plastic products intended to use for food contact".
- The products have been tested for overall migration into food simulants. The tests have been performed according to EC-directive 10/2011/EC article 2. The total migration is below the limit 10 mg/dm² when tested for 2 hours at 70°C with 3% acetic acid, 10% ethanol and olive oil.
- 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 products is compostable in industrial facilities, complying with ASTM D6400 and ASTM D6868 for products mad of compostable plastics.

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 2015-10-02. 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.