



## ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

### **Product**

Boxes and plates made from bagasse (white).

### **Raw Material**

Sugar cane fibre

### **Packaging**

Inner: Polyethylene (PE)

Outer: Corrugated board box

### **Field Of Application**

The product is intended for all kinds of food up to 100°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**

The fibre plate is made from sugar cane fibre (bagasse), which is a renewable resource. Bagasse is a by-product of the cane sugar industry. The pulp is 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.

### **Product Safety**

The product/raw materials fulfill the following:

- EU Regulation 1935/2004/EC on materials and articles intended to come into contact with food.
- EU Regulation 2023/2006/EC on good manufacturing practice for materials and articles intended to come into contact with food.
- BfR XXXVI. BfR Bundesinstitut für Risikobewertung.
- LFGB (*Lebensmittel- und Futtermittelgesetzbuch*, Germany Regulation).
- 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 2017-11-30. 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.