



## ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

### **Product**

PP-trays

### **Raw Material**

Polypropylene (PP)

### **Additives**

Color

### **Packaging**

Inner: Polyethylene

Outer: Corrugated board box

### **Field Of Application**

The trays are intended for deliveries of individual portions of ready-cooked meals from large-scale households. The trays may be used for storing 40°C in 10 days and for re-heating in a microwave.

### **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**

Polypropylene is produced by refining of mineral oil or natural gas. The polymer simply consists of carbon and hydrogen.

#### **Packaging**

Polyethylene is made by refining of mineral oil or natural gas. The polymer consists simply of carbon and hydrogen. The corrugated board box is to a large extend made of recycled fibres. The printing ink is water-based

### **Product Safety**

The product / raw material fullfil the following:

- EC-directive 2002/72/EC, "Material and products of plastic intended to come into contact with foodstuff".
- The product have been tested regarding global migration of chemical substances into food. The tests have been performed according to EC-directive 2002/70/EC article 2. The total migration is below the limit 10 mg/dm<sup>2</sup> when tested for 2 hours at 70°C and for 10 days at 40°C with 3% acetic acid and 95% ethanol. It has also been tested in a microwave at 750 W to maximum heating with the same stimulants as above.
- 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.

#### **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 2008-04-15. 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.