

# ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

**Product**

PS Lids

**Raw Material**

Polystyrene (PS)

**Packaging**

Inner: Polyethylene (PE)

Outer: Corrugated board box

**Field Of Application**

The lids are suitable for all kinds of hot or cold drinks up to 70°C and 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

The polystyrene (PS) is manufactured from fossil sources.

Packaging

PE foil 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 extent made of recycled fibres.

**Product Safety**

The products fulfil the following:

- EU Regulation 10/2011/EC with amendments
- EU Regulation 1935/2004/EC
- EU Regulation 2023/2006/EC
- Migration tests on the article material performed by an independent institute showed that under appropriate test conditions, overall and specific (when relevant) migration falls considerably below the limit given by regulation 10/2011. (For further details, see *Declaration of Compliance*).
- 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.

Recycling

The product may be recycled as plastic. Sorting for different waste handling alternatives need to follow local regulations.

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 2021-09-30. 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, Quality Department.