

**ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET****Product**

Grass Sacchetto EcoEcho® with Duni tissue napkin

**Raw Material**

Grass paper 50% Grass / 50% FSC mix  
Tissue napkin (see appendix I)

**Additives**

Dyestuff / Glue

**Packaging**

Inner: Grass based paper  
Outer: Grass based paper

**Field Of Application**

The product is intended for the use of enhancing the tabletop environment.

**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 of grass and FSC mix.

**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. The printing ink is water-based.

**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.
- LFGB (*Lebensmittel- und Futtermittelgesetzbuch*, Germany Regulation).
- The product accordance with the regulation 528/2012/EC, for biocidal products.
- The printing inks fulfil BgVV, Empfehlungen des Bundesinstitutes für gesundheitlichen

Verbraucherschutz und Veterinärmedizin, Part C Bedarfsgegenständeverordnung § 3 Anlage 1 Nr. 7. Azo dyestuffs that may split in carcinogenic amines are not used.

- The dyes do not contain heavy metals such as mercury, cadmium and lead or hexavalent chromium.
- Dyes and printing inks are tested according to EN 646 (Determination of colourfastness of dyed paper and board) and have been found to have good fastness.
- Directive 94/62/EC, EN 13428, the product is free from substances, which are dangerous to the environment according to Directive 94/62/EC.
- 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**

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 2021-06-03. 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.

**Product**

Duni Tissue 1-, 2-, 3 and 4-ply napkins

**Raw Material**

Tissue paper

**Additives**

Dye, ink

**Packaging**

Inner: Plastic film of polyethylene (PE) or polypropylene (PP)  
Outer: Corrugated board box

**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 labelling**

- Most of our unicoloured and printed (except gold and silver) tissue napkins are licensed to be labelled with the Nordic Environmental Label ‘The Swan’. License number 3005 0013.
- Most of the products are also FSC certified (see “Environmental Aspects”).
- All unicoloured and some printed napkins have the OK Compost label. Printed napkins can be labelled with OK Compost only, if ink amount calculation is positive.

**Environmental Aspects**

Product

The tissue napkins are manufactured from Totally Chlorine Free pulp (TCF) i.e. bleaching chemicals used are oxygen, hydrogen peroxide and ozone. The pulp is white or dyed. Printing is done with water based flexographic printing ink.

Most of the products are FSC certified according to “Mixed Sources” certification number DNV-COC-000148.

All unicoloured and some printed napkins are certified according to EN 13432 (OK Compost); No. O 14-1294-C.

Packaging

Polyethylene & Polypropylene are used for packaging purposes.

The corrugated board box is unbleached and to a large extent made of recycled fibres.

**Product Safety**

The products / raw material (incl. printing inks) fulfil the following:

- Regulation (EC) No. 1935/2004 of the European Parliament and of the Council of 27th October 2004 concerning materials and articles intended to come into contact with food.
- BfR-Recommendations on Food Contact Materials, XXXVI. Paper and board for food contact / BfR = Federal Institute for Risk Assessment
- Coloured and printed products are tested according EN 646 (Determination of colourfastness of dyed paper and board) and has been found to have good fastness.
- Duni manufacturing units are certified according to the international quality system ISO 9001 and environmental system ISO 14001 as well as to BRC Consumer Products.

**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. Check with the local recycling company.