



## ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

### **Product**

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

### **Raw Material**

Tissue paper

### **Additives**

Dye  
Ink

### **Packaging**

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

### **Environmental Labeling**

Most of our uni-colored and printed (except gold and silver) tissue napkins are licensed to be labeled with the Nordic Environmental Label 'The Swan'. License number 305013.

Most of the products are also FSC certified (see "Environmental Aspects").

### **Field Of Application**

The product is intended for 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**

The tissue napkins are manufactured from Totally Chlorine Free pulp (TCF) i.e. bleaching chemicals used are oxygen, hydrogen peroxide and if required ozone. Or Elementary Chlorine Free (ECF) i.e. pulp bleached without chlorine gas with only virgin fibers. 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

### **Packaging**

Polyethylene & Polypropylene are manufactured from mineral oil or natural gas. The polymer simply consists of carbon and hydrogen. The corrugated board box is unbleached and to a large extent made of recycled fibers.

### **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
- Colored and printed products are tested according to EN 646 (Determination of colorfastness 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 for hygiene.

### **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 2012-10-18. It is normally updated, when there is a change in the product or in legislation. To make sure that you have the latest edition, contact Duni AB, Environmental Affairs.