

# ENVIRONMENTAL AND PRODUCT DATA SHEET

**Product**

ReDine REUSABLE assortment

- Glass (Anyday)

**Material**

SAN (Styrene acrylonitrile)

**Packaging**

Inner: Polyethylene (PE)

Outer: Corrugated board

**Area of Use**

The glass can be used safely for repeated use with all types of beverages under following conditions:

- Cold use
- Long term storage in ambient and cold conditions (refrigerator and freezer)

This item should not be used in microwave oven.

**Wash and Reuse**

The ReDine assortment has an extra sturdy design and has been evaluated for dishwasher usage. The products are dishwasher proof and suitable for industrial washing facilities. With correct use and single placement in washing racks product should not deform. However, if placed in a dishwasher where the items are allowed to spin, deforming may occur. This is because at higher temperatures the plastic softens which enables deformation and after cooling down, shape remains.

Samples have been visually evaluated before any washing cycle and subsequently after 300 and 500 washing cycles, in accordance with EN 12875-2 for the detection of any defects/alterations that may have appeared. It was concluded that the products withstand a washing process at 55 °C for up to 500 cycles, but please note:

- The glossiness may fade after 300 cycles
- No cracks and/or breakages have been found in any of the glasses, however scratches can be expected after 300 cycles.

Washing of the items is recommended within 48 hours after its use.

Handling the products with care and in a correct way extends the number of times the plates can be rotated in the market.

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**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*

Styrene Acrylonitrile resin, commonly shortened to SAN, is a copolymer of styrene and acrylonitrile, widely used in place of polystyrene owing to its greater thermal resistance.

*Packaging*

Polyethylene is made from fossil sources. The corrugated board box is to a large extent made of recycled fibers.

**Product Safety**

The product fulfils the following:

- EU Regulation 1935/2004/EC, Material and products intended for contact with food.
- EU Regulation 2023/2006/EC, Good Manufacturing Practice.
- 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 or will implement the environmental management system ISO 14001.

**End of Life**

Before handling it as waste, please make sure the items are used as many times as possible as they are designed for multiple use.

*Recycling*

Collection, sorting and material recovery are all part of the recycling process. Recycling is dependent on local waste handling infrastructure. Consult with a local waste handler for the most suitable recycling recommendations.

*Energy Recovery*

Incineration facilities for energy recovery are dependent on local infrastructure. Incineration for energy recovery is a good alternative when material recovery is not available by recycling.

**Validity**

This is issued 2024-03-18. It is revised when there is a change in the manufacturing process, in the product or in legislation.