

## Product Specification

## TEGOPREN® 5852

## Product description

TEGOPREN® 5852 is polyether modified siloxane, used in defoamer and textile formulations.

## Physical properties

Appearance	Liquid, colourless to pale straw
Active mater content	100 %
Density (25 °C)	1.01 – 1.03 g/cm <sup>3</sup>
Viscosity (25 °C)	220 – 380 mPas
pH value (4 %)	5.5 – 7.5

## Application

TEGOPREN® 5852 could be used as additive to defoamer formulations in pulp bleach plants.

It can also be used as lubricant in textile auxiliary formulations.

## Properties/Benefits

TEGOPREN® 5852 is free of silicone oils, that means:

- As an additive in defoamer for the bleaching process of pulp it enhances the dispersability of the defoamer and the rinse of water.
- In textile application it reduces fiber and fiber metal friction in spin finish application.
- No adverse effect on the finishing process (painting/electroplating, etc.) of the treated parts.

## Dosage/Handling

Depending on the composition of the fluids respectively the oils and their conditions for use, we recommend a dosage level for initial screening of 0.1 to 1.0 %.

As defoamer booster in the bleaching process application we recommend a concentration of 0.25 to 2.0 %.

## Registration Status

The ingredients of TEGOPREN® 5852 are listed in the following chemical inventories:

EINECS, TSCA, AICS, DSL, ENCS, ECL, PICCS and CHINA

## Storage Stability

TEGOPREN® 5852 can be stored for 12 months in original sealed containers at room temperature.

## Packaging

50 kg plastic drums (Pallet size: 6 x 50 kg = 300 kg)  
200 kg steel drums (Pallet size: 4 x 200 kg = 800 kg)

## Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fire
- toxicity and ecological effects

is given in our material safety data sheets.

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