

Technical Information

TEGOPREN® 5801

Product description

TEGOPREN® 5801 is a polyether siloxane.

Physical properties

Viscosity (25 °C)	700 - 1 700 mPas
Density (25 °C)	0.95 - 1.1 g/ml
Type	Non-ionic
Active content	100 %
Flash point	> 90 °C
Appearance/colour at room temperature	Clear to straw coloured, liquid

Solubility (25 °C)

Water	Insoluble
Alcohol	Dispersible
Aromatics	Soluble
Aliphatic hydrocarbons	Insoluble
Chlorinated hydrocarbons	Soluble
Paraffin Oil	Dispersible

Application

TEGOPREN® 5801 is a hydrophobic lubricant for spin finishes.

TEGOPREN® 5801 is an effective pre-defoamer for surfactant concentrates in the textile industry.

TEGOPREN® 5801 is used as performance booster for oil based, silicone-based and water-based defoamer for pulp mill application.

Properties/Benefits

As lubricant in spin finishes, TEGOPREN® 5801 reduces the fibre/fibre and fibre/metal friction.

TEGOPREN® 5801 is an emulsifier for organo-modified silicone finishing agents.

As booster in pulp mill defoamers TEGO-PREN® 5801 decrease foam knock-down times, increase foam hold down times and release entrained air from surfaces.

Dosage/Handling

In his function as performance booster for oil based and silicone based defoamer, TEGOPREN® 5801 is used at dosage levels from 0.1 to 0.25 % and 1 to 2.0 % based on total defoamer formula respectively.

Registration status

The ingredients of TEGOPREN® 5801 are listed in the following chemical inventories:

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

Storage and handling

TEGOPREN® 5801 can be stored for 12 months in original sealed containers at room temperature. For additional storage and handling information, please refer to the material safety data sheet.

Packaging

1 000 kg containers

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.

01/2019

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