

TEGOPREN® 5867

Product description

TEGOPREN® 5867 is a polyether siloxane. It is a non-ionic product with 100 % active content.

Physical properties

Appearance	Yellowish liquid
Viscosity	650 - 1050 mPas
Density	1.04 - 1.06 g/ml
Refraction index	1.445 - 1.455
Flash point	> 90 °C
Surface tension 0.1 % in water	approx. 38 mN/m
Surface tension 1.0 % in oil (RME)	approx. 25 mN/m

Application

In paper applications TEGOPREN® 5867 is recommended as defoamer booster for mineral or silicone oil based pulp defoamers and as emulsifier and booster for paper mill defoamers based on fatty alcohols.

In textile applications TEGOPREN® 5867 is recommended as lubricant and wetting/spreading agent in non-polar systems.

It can be used alone or in combination with other organo-modified siloxanes or organic based surfactants.

Benefits

- TEGOPREN® 5867 is a non-flammable highly concentrated product.
- When used as booster, TEGOPREN® 5867 significantly improves the knock down and hold down time of defoamers based on mineral or silicone oil for pulp mill applications.
- It improves the washer efficiency in pulp processing.
- The product is water dispersible and due to its non-ionic nature it is compatible with all kinds of chemicals that are commonly used in textile applications.
- TEGOPREN® 5867 is non-yellowing and also works as a W/O emulsifier.

Dosage/Handling

0.15 - 1 % TEGOPREN® 5867 is added to mineral oil based pulp mill defoamers.

0.25 - 2 % TEGOPREN® 5867 is added to silicone oil based pulp mill defoamers.

TEGOPREN® 5867 can be applied as single component from pre-formulated emulsions or in combination with other products.

For textile treatment as single component or formulated with other non-ionic products TEGOPREN® 5867 has to be applied by padding.

Dosage depends on the application and specific formulation in use, as well as on the required performance.

Registration status

The components of TEGOPREN® 5867 are listed in the following inventories:

EINECS, TSCA, DSL, ENCS, AICS, ECL, PICCS, IECSC (China) and NZIOC

Storage stability

In originally sealed containers TEGOPREN® 5867 can be stored for at least 12 months.

Packaging

25 kg PE-drums
(8 x 25 kg = 800 kg per pallet)
210 kg PE-drums
(4 x 210 kg = 840 kg per pallet)
1 000 kg PE-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.

07/2016

Trademark notice and legal notice

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(Status: July 2015)

Evonik Nutrition & Care GmbH

Goldschmidtstr. 100, 45127 Essen, Germany

Phone Europe +49 201 173-2665, Asia +86 21 61191 125, Americas +1 804 727 0700

interface-performance@evonik.com, www.evonik.com/interface-performance