

Product Specification

TEGINEX® FP 120

Product description

Organomodified polysiloxane

Physical properties

| | |
|----------------------------|------------------------|
| Appearance | Clear, slightly turbid |
| Viscosity | 850 – 1 300 mPas |
| Density | 1.02 – 1.05 g/ml |
| pH value (4 % in water) | 10.0 – 11.0 |
| Cloud point (4 % in water) | 35 – 40 °C |

Application

TEGINEX® FP 120 is used as additive in fiber and textile finishes, as lubricant and slip additive. It is further suitable as spreading agent in ester oils.

Properties/Benefits

TEGINEX® FP 120 used as additive in fiber finishes reduces the fiber to fiber and fiber to metal friction and therefore the stress on the fibers. It improves the spreading of ester oils.

TEGINEX® FP 120 improves to smooth cotton fabric during finishing treatment. TEGINEX® FP 120 can be used as softening additive being compatible with all kinds of surfactants.

Dosage/Handling

The dosage depends on the use and final application. As softener we recommend a minimum dosage of 1 % in the bath. In other formulations we recommend to start with an initial dosage between 1 and 5 % as is.

For a better handling TEGINEX® FP 120 should be premixed with a small amount of water before added to the final formulation or bath.

Registration status

The ingredients of TEGINEX® FP 120 are listed in the following chemical inventories:

EINECS, TSCA, DSL, ENCS, AICS, TCCL, PICCS, China, Taiwan and New Zealand

Storage stability

TEGINEX® FP 120 can be stored as delivered in closed drums for at least one year. TEGINEX® FP 120 is slightly hygroscopic. Exposure to moisture should be avoided. The increase in viscosity by absorbing low amounts of moisture has no effect on product quality.

Packaging

200 kg drums
Pallet size 4 x 200 kg = 800 kg
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.

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