

TEGOPREN® 6922

Enhancement of the drying effect of rinse aids for automatic car wash stations

- Directly soluble into water based rinse aids
- Speeds up the drying effect
- Improves gloss and water beading effect
- No "build up"

Chemical and physical properties (not part of specification)

Viscosity (25 °C) [mPas]	550–950
Density (25 °C) [g/ml]	0.998–1.018
Refraction index (25 °C)	1.424–1.434
Gardner–Standard	max. 3
pH-value (30 %)	6.5–8.5
Active matter [%]	49–51

Additional product properties (not part of specification)

Type	cationic
Solvent	propylene glycol
Flash point (DIN 51758)	> 65 °C
Weight % quat. nitrogen	0.4

Solubility (25 °C)

Water	soluble
Alcohol	soluble
Aromatics	insoluble
Aliphatic h. c.	insoluble
Chlorinated h. c.	soluble
Paraffin oil	insoluble
Appearance/colour at room temperature	liquid, amber

Properties and applications

- TEGOPREN® 6922 is a silicone quat, the copolymer of a polydimethylsiloxane and an organic quaternary amine.
- A main parameter for the application is the excellent affinity to surfaces out of aqueous solutions and the antistatic effect, comparable to betaines.
- TEGOPREN® 6922 is very suitable as a component in rinse agents for automatic car washes not only because of the properties mentioned above but also because of its cationic character.
- TEGOPREN® 6922 is water dilutable. It may be processed in clear formulations when combined with other organic, cationic products.

- TEGOPREN® 6922 increases the cationic character of the rinse agent which is responsible for the spontaneous cracking of the water layer. Additionally to this effect TEGOPREN® 6922 gives gloss and a hydrophobic effect to the car surface. TEGOPREN® 6922 does not give any "build up".
- TEGOPREN® 6922 will be suitable for two-in-one formulations like car shampoos. It improves the drying effect and the car surfaces become bright and water repellent.

Packaging

25 kg drum
50 kg drum
200 kg drum
1000 kg container

Storage stability

The product should be stored in sealed original package at temperatures between 10 °C and 30 °C.

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 fires
- toxicity and ecological effects

is given in our material safety data sheets.

Guideline Formulations

Car Rinse

CARSPRAY™ 90	12.0%
TEGOSOFT® OP	5.0%
TEGO® Polish Additiv 5	2.0%
REWOPOL® MPG 40	6.0%
Dipropylenglycol-n-butylether	8.0%
TEGOPREN® 6922	0.8%
Water	65.7%
Acetic acid 60%	0.5%

Preparation

Mix the components 1–6 in the given order and stir until clear.
Slowly add the water while stirring.
Finally add the acetic acid to adjust the pH value.

Application

In automatic car wash stations.
Dosage: approx. 5–30 ml per car.

Manual Rinse Aid

TEGOPREN® 6922	1,5 %
TEGOTENS® DO	2.0%
Water	96.5%
Recommended use concentration	1 : 500

Legal References

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