

Technical Information

January 2014

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WF-No. 3161

® = Registered trademark of BASF
in many countries.

Trilon® P Liquid

Organic chelating agent used to control the concentration of metal ions in aqueous systems

Chemical nature

Polyamine, anionic modified.

PRD-No.*

30078326

* BASF's commercial product numbers.

Properties

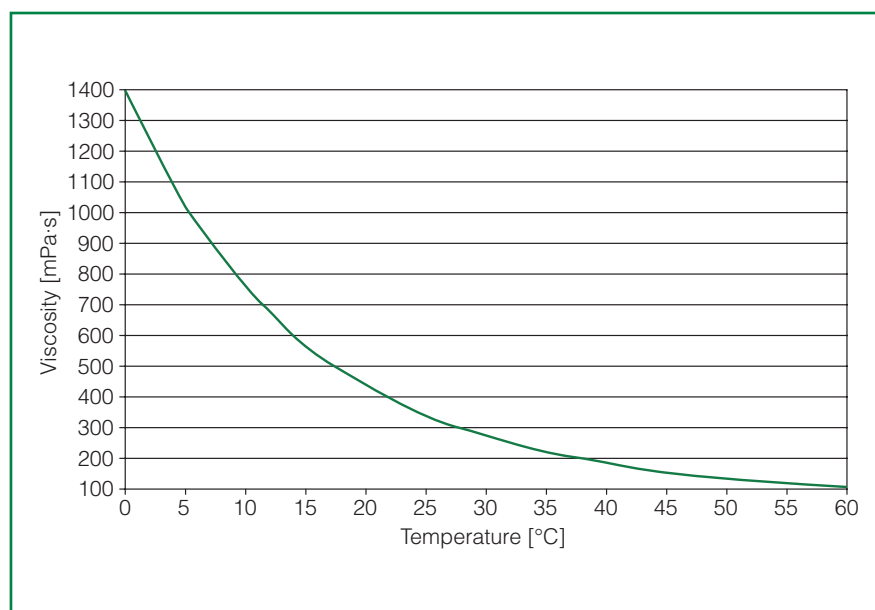
	Unit	Trilon® P Liquid
Physical form (visual)		yellow liquid
Solid content (BASF method)	%	approx. 40
Density (DIN 51757, 20 °C, U-tube densitometer)	g/cm ³	approx. 1.20
pH value (DIN 19268, 23 °C, 1% in dist. water)		approx. 11.5
Hazen color (DIN EN 1557)		max. 500
Calcium binding capacity (BASF method, pH 11)	mg CaCO ₃ /g t. q.	approx. 100
Viscosity (DIN EN 12092, 23 °C)	mPa·s	approx. 270
Congelation point (ISO 3013)	°C	< -20
Solubility in water (BASF method)		miscible in all proportions

The above information is correct at the time of going to press. It does not necessarily form part of the product specification.

A detailed product specification is available from your local BASF representative.

Viscosity

The relationship between viscosity and temperature is always an important point to consider when Trilon® P Liquid is to be delivered or put into storage. The following curve shows the viscosity as a function of temperature (all values are approximate; mPa·s, Brookfield LVT):



Safety

We know of no ill effects that could have resulted from using the Trilon® P Liquid for the purpose for which it is intended and from processing it in accordance with current practice. According to the experience we have gained over many years and other information at our disposal, the Trilon® P Liquid does not exert any harmful effects on health, provided that it is used properly, due attention is given to the precautions necessary for handling chemicals, and the information and advice given in our Safety Data Sheets are observed.

Storage

Trilon® P Liquid should not be stored at low temperatures, because the viscosity increases considerably.

Materials

The following materials can be used for tanks and drums:

- a) AISI 316 Ti stainless steel
- b) AISI 321 stainless steel

Shelf life

Trilon® P Liquid has a shelf life of one year in its tightly sealed original packaging.

Labelling

Please refer to the latest Safety Data Sheet for detailed information on product safety.

Note

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