
Technical Information

Sokalan[®] CP 10 S

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We create chemistry

Chemical nature Sokalan® CP 10 S is a modified polyacrylic acid.

PRD-No.* 30042757

* BASF's commercial product numbers.

Appearance Sokalan® CP 10 S is a slightly cloudy, yellowish to yellowish brown liquid at room temperature and tends to form sediment in the coldness.

Handling and Storage

Handling

- a) Sokalan® CP 10 S should be stored in a dry place in its original sealed packaging.
- b) Sokalan® CP 10 S can slightly separate during the storage time. The product must be homogenized before it is processed. It must be mixed sufficiently prior to use.
- c) The storage temperature must be between min. +5 °C. and max. +25 °C. Storage temperatures above +25 °C will cause an increase of the color number.
- d) At low temperatures (below. +10 °C) Sokalan® CP 10 S tends to turbidity and becomes solid. Drums or IBSc that contain solidified product or liquid that have begun to precipitate or separate should be reconstituted by gentle heating, preferably in a heating cabinet. Warming to max. +25 °C allows the product to become liquid again.
It must be mixed sufficiently prior to use. This also applies if drums are heated by external electrical elements. Internal electrical elements should not be used because of the localized anomalies in temperature that they can cause.
- e) If it is stored, Sokalan® CP 10 S must be blanketed with nitrogen to prevent air contact. Air contact can cause discoloration.
- f) Please refer to the latest Safety Data Sheet for detailed information on product safety.

Materials

- a) Stainless steel 1.4541 – AISI 321 (X6 CrNiTi 18-10)
- b) Stainless steel 1.4571 – AISI 316 Ti (X6 CrNiMoTi 17-12-2)
- c) Stainless steel 1.4306 – AISI 304 L (X2 CrNi 19-11)
- d) HDPE – high density polyethylene
- e) LDPE – low density polyethylene

Materials made of copper and copper-containing alloys cause discoloration and are therefore unsuitable.

Shelf life

Sokalan® CP 10 S has a shelf life of at least 18 months in its original packaging.

Properties

Some physical properties are listed in the table below. These are typical values only and not all of them are monitored on a regular basis. They are correct at the time of publication and do not necessarily form part of the product specification. A detailed product specification is available on request or via BASF's WorldAccount: <https://worldaccount.basf.com> (registered access).

Sokalan® CP 10 S	Unit	Value
Physical form (25 °C)		liquid
Concentration (ISO 3251, 1 g, 140 °C, 30 min)	%	approx. 50
Water content (ISO 760, K. Fischer)	%	approx. 50
pH value (ISO 976, 25 °C)		approx. 2
Density (DIN 51757, method 3, 25 °C)	g/cm ³	approx. 1.16
Pour point (ISO 3016)	°C	approx. 0
Iodine color (EN 1557, 25 °C)		approx. 1
Viscosity (ISO 2555, 25 °C)	mPa·s	approx. 150

Application

Scale inhibitor and dispersing agent.

Safety

We are not aware of any ill effect that can result from using Sokalan® CP 10 S for the purpose for which it is intended and from processing it in accordance with current practices.

According to the experience that we have gained over many years and other information at our disposal, Sokalan® CP 10 S does not exert harmful effects on health, provided 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.

Labeling

Please consult the current Safety Data Sheets for information on the classification and labelling of our products and other information relevant to safety.

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