

## Technical Information

October 2016

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Last change WF-No. 9266

® = Registered trademark of BASF  
in many countries.

# Lugalvan® DC

**Wax emulsion for the production of transparent anti-corrosion coatings**

**Chemical nature**

Aqueous emulsion of an ethylene copolymer

**PRD-No.\***

30042710

\* BASF's commercial product numbers.

**Appearance**

Lugalvan® DC is a aqueous, highly opaque emulsion.

**Handling and Storage****Handling**

- a) Being an aqueous emulsion, Lugalvan® DC has a good freeze-thaw stability. The viscosity may slightly increase during storage. In case of prolonged storage and crust formation due to volatilisation of water, it is recommended to filter the product before usage.
- b) Keep container tightly closed and store it in a cool location.
- c) Please refer to the latest Safety Data Sheet for detailed information on product safety.

**Shelf life**

Lugalvan® DC has a shelf life of at least 1 year, provided it is stored properly in originally sealed drums.

**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).

Lugalvan® DC	Unit	Value
Physical form		emulsion
Concentration (DIN EN ISO 3251, ISO 3251, 120 °C, 2 h, 1 g)	%	20 – 22
Viscosity (DIN EN ISO 2431, ISO 2431, no. 4, 23 °C)	s	25 – 170
Density (DIN 51757, 23 °C, ASTM D 1298)	g/cm <sup>3</sup>	0.98 – 1.0
pH value (DIN ISO 976, ISO 976, 25 °C)		8.5 – 9.5

**Disposal**

By lowering the pH value to a mildly acidic range, Lugalvan® DC can be precipitated and then separated from waste water by means of filtration.

**Safety**

We are not aware of any ill effect that can result from using Lugalvan® DC 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, Lugalvan® DC 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.

**Labelling**

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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