

Technical Information

October 2016

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Last change WF-No. 9266

® = Registered trademark of BASF
in many countries.

Lugalvan® IZE

Product used to formulate brightener additives for the electroplating industry

Chemical nature

Addition product of imidazole and epichlorohydrin

PRD-No.*

30125953

* BASF's commercial product numbers.

Appearance

Lugalvan® IZE is a clear, yellow liquid

Shelf life

Lugalvan® IZE has a shelf life of one year in its sealed original packaging, provided it is stored properly.

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® IZE	Unit	Value
Concentration (100 % – water content)	%	42 – 48
Water content (DIN EN 13267)	%	52 – 58
Density (DIN 51757 part 1, ASTM D 1298, 20 °C)	g/cm ³	1.14 – 1.18
pH value (DIN 19268, 20 °C)		8 – 10
APHA color (DIN EN 1557)		<850
Viscosity (DIN 53015, 20 °C)	mPa·s	<40
Epichlorohydrin content (BASF method)	ppm	<1

Solubility

Lugalvan® IZE is miscible with water in all proportions.

Safety

We are not aware of any ill effect that can result from using Lugalvan® IZE 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® IZE 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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