
Technical Information

December 2016
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Last change WF-No. 10002

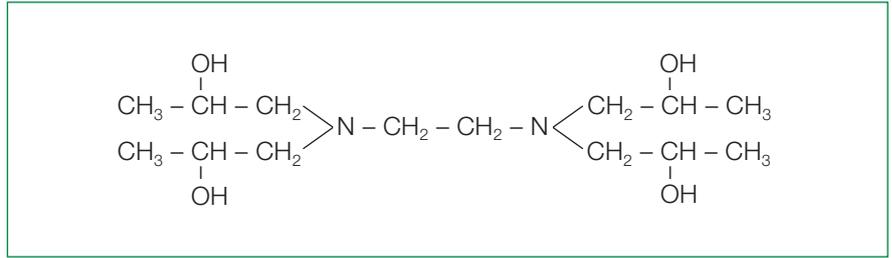
® = Registered trademark of BASF
in many countries.

Lutron® Q 75

Complexing agent for use in the production of printed circuit boards and in the electroplating industry

Chemical nature

N,N,N',N'-tetrakis-(2-hydroxypropyl)-ethylenediamine

Structural formula**Molecular formula**C₁₄H₃₂O₄N₂**Molar mass (DIN 51405)**

292.43 g/mol

PRD-No.*

30050771

* BASF's commercial product numbers.

Appearance

Lutron® Q 75 is clear, colorless or slightly yellowish liquid

Shelf life

Lutron® Q 75 has a shelf life of at least 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).

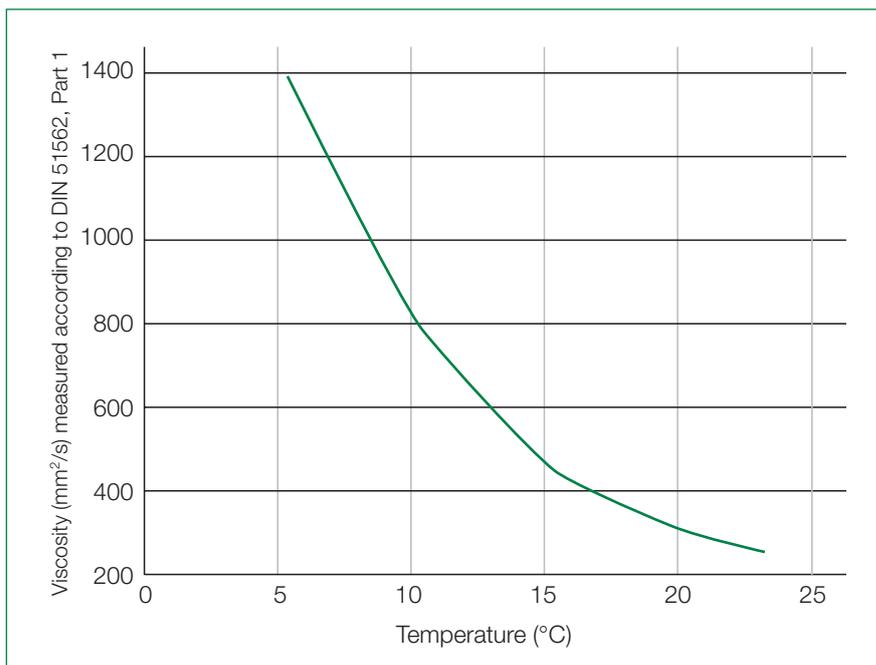
Lutron® Q 75	Unit	Value
Concentration (100% – water content)	%	73 – 77%
Water content (DIN EN 13267)	%	23 – 27
pH value (ISO 976, 10%, 23 °C)		10 – 12
Viscosity (DIN 51562, Part 1, ASTM D 445, 23 °C)	mm ² /s	200 – 300
Refractive index (DIN 51423, Part 2, 23 °C)		1.448 – 1.452
Density (DIN 51757, ASTM D 1298, 23 °C)	g/cm ³	approx. 1.05

Solubility

Lutron® Q 75 is miscible with water in all proportions.

Flow properties

Lutron® Q 75 is easy to handle because of its low viscosity at room temperature. It is pourable at temperatures down to approx. 10 °C, as the following curve shows.



Viscosity as a function of temperature

Safety

We are not aware of any ill effect that can result from using Lutron® Q 75 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, Lutron® Q 75 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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