

## Technical Information

December 2016

Supersedes issue 08\_080629 dated May 2013

09\_080629e-00/Page 1 of 3

Last change WF-No. 10002

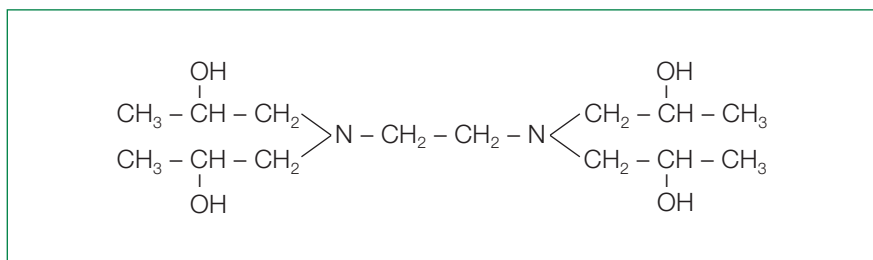
® = Registered trademark of BASF  
in many countries.

# 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** $\text{C}_{14}\text{H}_{32}\text{O}_4\text{N}_2$ **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).

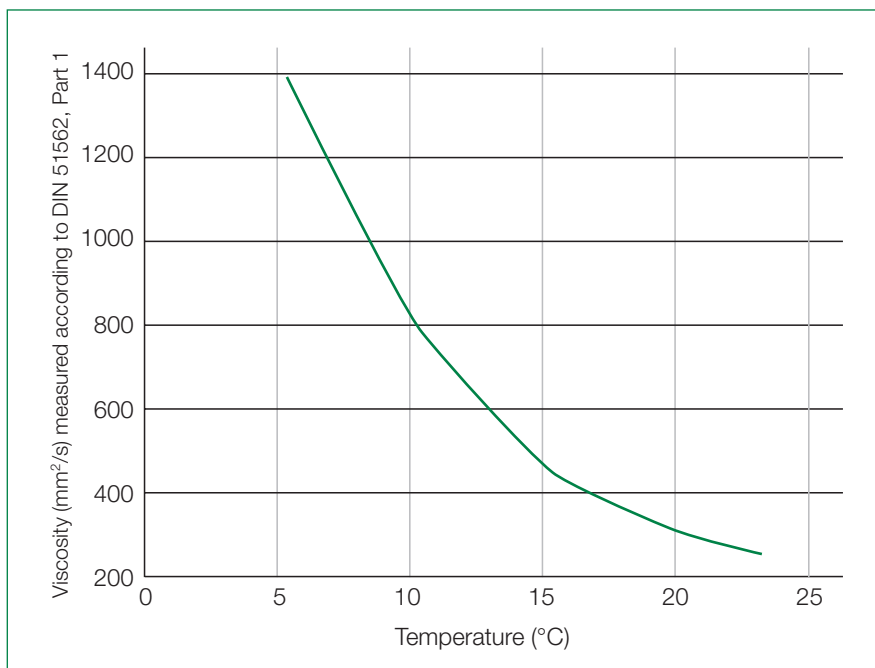
Lutron® Q 75	Unit	Value
Concentration (100% – water content)	%	73 – 77%
Water content (DIN EN 13267)	%	23 – 27
pH value (ISO 976, 10%, 23 °C)		10 – 12
Viscosity (DIN 51562, Part 1, ASTM D 445, 23 °C)	mm <sup>2</sup> /s	200 – 300
Refractive index (DIN 51423, Part 2, 23 °C)		1.448 – 1.452
Density (DIN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

## Disclaimer

This document, or any answers or information provided herein by BASF, does not constitute a legally binding obligation of BASF. While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. It does not relieve our customers from the obligation to perform a full inspection of the products upon delivery or any other obligation. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE.

December 2016