

Technical Information

June 2016

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Last change WF-No. 9104

® = Registered trademark of BASF
in many countries.

Golpanol® HD

Product used to formulate brightener additives for the electroplating industry

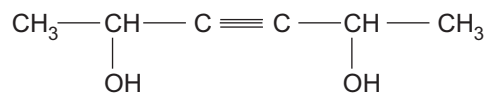
Chemical nature

3-Hexyne-2,5-diol

PRD-No.*

30042696

* BASF's commercial product numbers.

Structural formula**Molecular formula** $\text{C}_6\text{H}_{10}\text{O}_2$ **Molar mass (DIN 32625)**

114.1 g/mol

Appearance

Golpanol® HD is a clear, yellowish liquid.

Shelf life

Golpanol® HD has a shelf life of 2 years in sealed containers.

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).

Golpanol® HD	Unit	Value
Physical form		liquid
Concentration (BASF method, GC % area under curve)	%	78 – 82
Iodine colour (DIN EN 1557)		<15
Density DIN 51757, ASTM D 1298, hydrometer, 23 °C)	g/cm ³	1.01 – 1.03
pH value (ISO 976, 10%)		3.5 – 6.5

Solubility

Golpanol® HD is miscible with water in all proportions.

Safety

We are not aware of any ill effect that can result from using Golpanol® HD 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, Golpanol® HD 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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