
Technical Information

TI/ES 1428 e
April 2000 (DFC)

Golpanol[®] DEP

[®] = Registered trademark of
BASF Aktiengesellschaft

Product used to formulate brightener additives for the electroplating industry

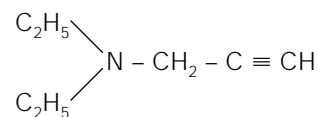
BASF

Golpanol DEP

Chemical nature

N,N-Diethyl-2-propyne-1-amine

Structural formula



Molecular formula

$\text{C}_7\text{H}_{13}\text{N}$

Molar mass (DIN 51405)

111.19 g/mol

Properties

Physical form

Clear, virtually colourless liquid

Concentration
(BASF method, GC % area)

> 97.5 %

Refractive index
(DIN 51423, Part 2;
ASTM D 1218, 20 °C)

1.420 – 1.440

Density
(DIN 51757, ASTM D 1298,
hydrometer, 20 °C)

0.75 – 0.85 g/cm³

pH
(ISO 976, 1%)

9 – 11

The above information is correct at the time of going to press. It does not necessarily form part of the product specification.

A detailed product specification is available from your local BASF representative.

Solubility

Golpanol DEP is sparingly soluble in water but readily soluble in acids.

Storage

Golpanol DEP has a shelf life of six months in its sealed original packaging.

Application

Golpanol DEP is used to formulate brightener additives employed in the electroplating industry. It is used as a top brightener in nickel electroplating baths at a concentration of 1 – 10 mg/l. It performs well in combination with other top brighteners and basic brighteners.

Safety

We know of no ill effects that could have resulted from using Golpanol DEP for the purpose for which it is intended and from processing it in accordance with current practice.

According to the experience we have gained over many years and other information at our disposal, Golpanol DEP does not exert any harmful effects on health, provided that 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 sheet are observed.

Labelling

Classification according to German chemicals legislation based on EU Directive 67/548/EEC:

Extremely flammable,
Harmful,
Corrosive.

Note

The information submitted in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve processors of the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.

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