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# Technical Information

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## Lugalvan® IMZ

Product used to formulate brightener additives for the electroplating industry

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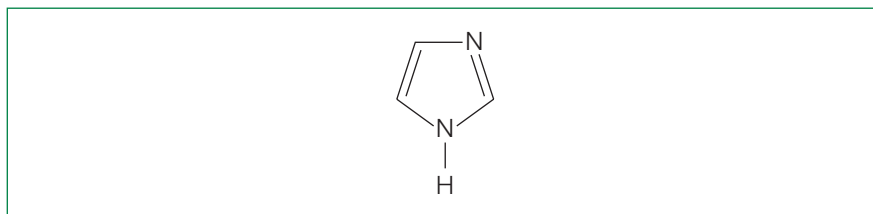
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**Chemical nature**

Imidazole

**Structural formula****Molecular formula** $C_3H_4N_2$ **Molar mass (DIN 32625)**

68.08 g/mol

**PRD-No.\***

30042728

\* BASF's commercial product numbers.

**Appearance**

Colorless or pale yellow flakes.

**Shelf life**

Lugalvan® IMZ has a shelf life of at least 24 months in its 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® IMZ	Unit	Value
Physical form		flakes
Concentration (BASF method, GC, % area under the curve)	%	>99.5
Bulk density (ISO 697)	g/ml	0.500 – 0.700
pH value (ISO 976, 10%, 25 °C)		9 – 11

**Solubility**

Lugalvan® IMZ is soluble in water and alcohols.

**Safety**

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