

## Technical Information

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® = Registered trademark of BASF  
in many countries.

# Golpanol® ALS

**Product used to formulate brightener additives for the electroplating industry**

**Chemical nature** Sodium allyl sulfonate

**PRD-No.\*** 30042690

\* BASF's commercial product numbers.

**Structural formula**  $\text{H}_2\text{C}=\text{CH}-\text{CH}_2-\text{SO}_3\text{Na}$

**Molecular formula**  $\text{C}_3\text{H}_5\text{O}_3\text{NaS}$

**Molar mass (DIN 32625)** 144 g/mol

**Appearance** Golpanol® ALS is a clear, colorless or yellowish liquid

**Shelf life** Golpanol® ALS 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® ALS	Unit	Value
Physical form		liquid
Concentration (BASF method, bromide-bromate titration)	%	24.5 – 25.5
Sulphite content (BASF method, iodometric)	%	<0.05
APHA color (DIN EN 1557)		<20
Density (DIN 51757, ASTM D 1298, 23 °C)	g/cm <sup>3</sup>	1.19 – 1.23
pH value (ISO 976, 23 °C)		10.5 – 11.5

**Solubility** Golpanol® ALS is miscible with water in all proportions.

**Safety**

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