

# Silver Methanesulfonate Solution

## Product Data

Formula	AgCH <sub>3</sub> SO <sub>3</sub>
Molecular weight	202.95g/mol
Density (20°C)	1.37 kg/l
Miscibility	Miscible with water in every ratio
Appearance	Colorless transparent liquid
Odour	Odourless

## Analysis

Silver (Ag <sup>+</sup> )	≥200g/l
Sulfate (SO <sub>4</sub> <sup>2-</sup> )	<30ppm
Chloride (Cl <sup>-</sup> )	≤10ppm
Iron (Fe <sup>2+</sup> )	≤10ppm
Lead (Pb)	≤10ppm
Free MSA	≤10%

## Application

### Electroplating industry

- for plating out of silver and silver alloys from cyanide-free electrolytes
- for high-speed refining of silver

## Storage

**Silver methanesulfonate solution** has a shelf life of min.18 months,if stored correctly in dry areas and in its original closed packaging at room temperature.Exposure of the solution to light may result in a slight yellow discoloration of the product or development of a light odour.

## Packaging

30kg/drum

## Special advice for security

Information concerning:

- classification and labelling according to the regulations governing transport and hazardous chemicals
  - protective measures for storage and handling
  - safety measures in case of accident and fire
  - toxicity and ecological effects
- are given in our material safety data sheets.