

Bismuth(III) Methanesulfonate Solution

Product Data

Formula	Bi(CH ₃ SO ₃) ₃
Molecular weight	494.3 g/mol
Density (20°C)	Approx.1.6 kg/l
Miscibility	Miscible with water in any ratio
Delivery form	Acidic, aqueous solution
Color	Colorless
Odour	Odourless

Analysis

Bi(CH ₃ SO ₃) ₃	≥715g/l
Bi content	≥300g/l
Free MSA	≤175g/l

Application

Electroplating industry

- for plating out of bismuth and bismuth-alloys as replacement for lead methanesulfonate in tin-lead alloy bathes
- for high speed plating of bismuth

Storage

Bismuth(III) methanesulfonate solution has a shelf life of min.12 months if stored correctly in dry areas and in its original closed packaging at room temperature. Exposure of the solution to the atmosphere or light may result in a slight yellow discoloration of the product or development of a light odour.

Packaging

250kg/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.