

MSA 70

MSA 70 is a solution of methanesulfonic acid. It has the advantage that many of the salts that it forms with metals are very soluble in water. It is readily biodegradable, and it is also distinguished by its high thermal stability and its high conductivity. It can be used to the following applications:

-Electronic plating

MSA 70 is mainly used as an electrolyte for tin and tin-lead plating baths that are used for wire and steel strip plating as well as for electronic devices.

-Electronic cleaning

MSA 70 can be used in stripping and etching processes.

-Catalyst for resins

MSA 70 is an excellent catalyst providing high efficiency in esterification reactions which the reaction temperature range is between 60-180°C. In general terms the reaction times with MSA 70 are significantly shorter than with other sulfonic acids or with sulfuric acid.

-Replace PTSA

Physical characteristics

Density (20°C)	1.34-1.36 g/ml
Molecular weight	96.1 g/mol
CAS No.	75-75-2
Color	Colourless to pale yellow liquid
Odour	Practically odourless

Chemical characteristics

Purity	≥69.5%
Sulfate	≤30ppm
Chloride	≤10ppm
Iron	≤5ppm
Lead	≤5ppm

Storage

MSA 70 has a shelf life of at least one year if stored correctly in its original 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.

Sensitive to frost

Packaging

25kg/250kg drum

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
- is given in our material safety data sheets.