

Technical Information

February 2015
Supersedes issue dated July 2013

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Last change WF-Nr. 5854

Lutropur[®] MSA

® = Registered trademark of BASF

The purest form of MSA



Supplied by:

ANDREA GALLO DI LUIGI S.r.l.u.

Company founded in 1892

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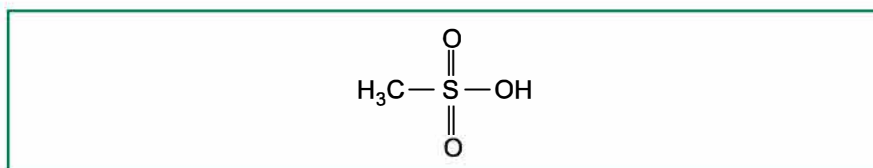
www.andreagallo.it

Chemical nature Methanesulfonic acid in water

PRD-No.* 30096873

* BASF's commercial product numbers.

Structural formula



Molecular formula CH₃SO₃H

Molar mass (DIN 32625) 96.11 g/mol

Storage

- Lutropur® MSA should be stored indoors in a dry place. Storage rooms must not be overheated.
- Lutropur® MSA is hygroscopic due to its good solubility in water, with the result that it may absorb moisture very quickly. Drums must be resealed each time they are opened.
- Lutropur® MSA is a clear, colorless, odorless liquid.

Materials

Please refer to the Material Recommendation List

Shelf life

Lutropur® MSA has a shelf life of at least 48 months in its sealed original packaging, provided it is stored properly.

Properties

Physical form	Clear, colorless, odorless liquid
Concentration (BASF-method, potentiometric titration with NaOH)	69.5 – 70.5 g/100g
Sulfate content (BASF method, ion-chromatography)	≤ 50 mg/kg
Total chlorine content, incl. chloride (BASF method, coulometric)	≤ 10 mg/kg
Content of oxidizable components (BASF method, titration with KMnO ₄)	≤ 5 mg/kg
APHA colour (DIN EN 1557)	≤ 10
Density (DIN 51757, "V3", ASTM D 1298, 20 °C)	1.349 – 1.358 g/cm ³
Metal content (BASF-method, ICP-MS (Ag, Al, As, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Hg, Li, Mg, Mn, Mo, Ni, Pb, Sb, Se, Sn, Ti, V, Zn, Zr))	≤ 1.0 mg/kg

The above information is correct at the time of going to press. It does not necessarily form part of the product specification.

A detailed product specification is available from our local BASF representative.

Safety

We know of no ill effects that could have resulted from using Lutropur® MSA for the purpose for which it is intended and from processing it in accordance with current practice. According to the experience we have gained up to now and other information at our disposal, Lutropur® MSA does not exert any harmful effects on health, provided that 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 Sheet are observed.

Labelling

Please refer to the latest Safety Data Sheet for detailed information on product safety.

Note

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