

Product Specification

Product Name: DIMETHYL SULFOXIDE AR

Alternate Name(s) DMSO; methyl sulfoxide.

Description

Colourless hygroscopic liquid; nearly odourless; slightly bitter taste.

Properties

Chemical Formula: (CH₃)₂SO

Molecular Weight: 78.13

Product Code: DA013

CAS No. 67-68-5

General Information:

Soluble in water and alcohol, benzene, acetone, chloroform. Incompatible with strong oxidizers. Combustible.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CHGI

Poison schedule: S6

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Appearance	Clear, colourless liquid
Water (H ₂ O)	≤ 0.1%
Residue on evaporation	≤ 0.01%
Copper (Cu)	≤ 0.0001%
Iron (Fe)	≤ 0.0001%
Lead (Pb)	≤ 0.0001%

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