



Product Specification

Product Name: SULFURIC ACID 95 - 98% LR

Alternate Name(s) SULFURIC ACID with more than 51% acid

Description

Colourless oily liquid. Hygroscopic.

Properties

Chemical Formula: H₂SO₄

Molecular Weight: 98.08

Product Code: SL008

CAS No. 7664-93-9

General Information:

In the presence of moisture highly corrosive to most metals. Only conc.s up to 75% acid (density 1.67 kg/L) may be carried in a rubber lined drum. Concentrated solutions react violently with water.

Hazard and Safety Data

UN Group: II
Class: 8
UN Number: 1830
Hazchem code: 2P
CS MSDS Code: 1CH72
Poison schedule: S6
Emergency
Procedure Guide No.: 40

Quality Specification

Assay: 95.0-98.0%

Specific Properties and Impurities [Typical levels]:

Vapour Density	3.4
Vapour Pressure @ 20 °C	≤ 0.001 mm Hg
Melting Point	-1.1 °C (98%) or insoluble matter.
Appearance	Free from suspended
pH Value (1.0 N solution)	0.3
Odour Threshold	> 1 mg/m ³
Nitrate (NO ₃)	≤ 0.005%
Ammonium (NH ₄)	≤ 0.005%
Heavy metals (as Pb)	≤ 0.0005%
Residue after ignition	≤ 0.01%
Iron (Fe)	≤ 0.002%

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