



Product Specification

Product Name: ACETIC ACID Anhydrous AR

Alternate Name(s) ACETIC ACID SOLUTION, more than 80% acid, by mass

Description

Clear colourless liquid with a pungent odour.

Properties

Chemical Formula: CH₃COOH

Molecular Weight: 60.05

Product Code: AA221

CAS No. 64-19-7

General Information:

Miscible with water. Corrosive to lead and most other metals. Burns skin, vapours irritate mucous membranes.

Hazard and Safety Data

UN Group: II
Class: 8
UN Number: 2789
Hazchem code: 2P
CS MSDS Code: 1CH0J
Poison schedule: S6
Emergency
Procedure Guide No.: 19

Quality Specification

Assay: 99.8% min.

Specific Properties and Impurities [Typical levels]:

Flamm. Limit UEL	19.9%
Flamm. Limit LEL	4%
Vapour Pressure (mm Hg @ 20 °C)	11.4
Boiling Point (°C)	118
Colour (Hazen)	5
Freezing Point (°C)	16.3
Specific Gravity	1.0492
Flash Point (°C)	40
Water	≤ 0.15%
Iron (Fe)	≤ 0.00005%
Heavy metals (as Pb)	≤ 0.00005%
Chloride (Cl)	≤ 0.0001%
Sulfate (SO ₄)	≤ 0.0001%
Non-volatile matter (%m/v)	≤ 0.003%
Aldehydes	≤ 0.05%

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