



# Product Specification

## Product Name: ACETONITRILE

Alternate Name(s) ACETONITRILE

### Description

Colourless, clear, limpid, volatile liquid.

### Properties

Chemical Formula: CH<sub>3</sub>CN

Molecular Weight: 41.05

Product Code: AA103

CAS No. 75-05-8

### General Information:

Incompatible with oxidizing agents, acids, reducing agents and water or steam.  
Harmful if swallowed, by skin contact or inhalation. Highly flammable; evolves toxic vapour in fire.

### Quality Specification

Assay: 99.7% min.

### Specific Properties and Impurities [Typical levels]:

Colour (APHA)	≤ 10
Residue after evaporation	≤ 0.001%
Acidity	≤ 8 ueq/g
Alkalinity	≤ 0.6 ueq/g
Water	≤ 0.3%

### Hazard and Safety Data

UN Group:	II
Class:	3
UN Number:	1648
Hazchem code:	2WE
CS MSDS Code:	77JQNHVZ
Poison schedule:	Not Scheduled
Emergency Procedure Guide No.:	17

CONFORMS TO ACS

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