



Product Specification

Product Name: ACETALDEHYDE LR

Alternate Name(s) Ethanal; Acetic Aldehyde

Description

Clear, colourless liquid. Penetrating, pungent, suffocating odour that is somewhat fruity and quite pleasant in low concentrations.

Properties

Chemical Formula: CH₃CHO

Molecular Weight: 44.05

Product Code: AL073

CAS No.: 75-07-0

General Information:

Soluble in water. Soluble in all proportions in most common organic solvents including ethanol, acetone, diethyl ether, benzene, gasoline, toluene, xylenes, turpentine, solvent naphtha and acetic acid. Store at +2°C to +8°C.

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Density	0.778 g/cm ³
Melting point	- 123.5°C
Boiling point	20.2°C
Acid value	5.0 ml
Residue on evaporation	0.006%
Arsenic (As)	0.0003%
Cadmium (Cd)	0.0001%
Mercury (Hg)	0.0001%
Trace metal analysis (as Pb)	0.0001%

Hazard and Safety Data

UN Group:	1
Class:	3
UN Number:	1089
Hazchem code:	2YE
CS MSDS Code:	1CHF8
Poison schedule:	Not Scheduled
Emergency Procedure Guide No.:	18

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