

Cosutin Industrial CO., Limited

UNIT B, 10/F LEE MAY BUILDING 788-790 NATHAN ROAD
MONGKOK, KOWLOON, H.K
TEL.: +852 21395855 FAX: +852 81673777

methyl Formate

GENERAL DESCRIPTION

Methyl Formate is used primarily to manufacture formamide, dimethylformamide, and formic acid. Because of its high vapor pressure, it is used for quick-drying finishes. It is also used as an insecticide and to manufacture certain pharmaceuticals. In foam industry, it is used as a blowing agent for foam insulation, as a replacement for CFC, HCFC, or HFCs, with zero ozone depletion potential and <25 global warming potential.

SPECIFICATIONS

Appearance :	Colorless transparent liquid
Purity, %	≥96%
Moisture%	≤0.05
Non-Volatiles %	≤0.005

PROPERTIES

Methyl Formate

CAS Number	:	107-31-3
Symbols	:	F
Phrases R	:	12
Concentration	:	Above 96.00 %

Appearance: Liquefied
Color/Colour: colorless/colourless
Odor/Odour: pleasant odor like ether

Formula: $C_2H_4O_2$
Molecular Weight: 60.05
ICSC No: 0664
CAS No: 107-31-3
RTECS No: LQ8925000
UN No : 1243
EC No : 607-014-00-1
Density: 0.980 g/cm³
Melting Point: -100.0°C
Boiling Point: 32.0 °C at 760 mmHg
Vapor Pressure: 64kpa/20 °C
Flash point: -19.0 °C
Explosion Limits, Lower:5.0 vol % Upper: 22.70 vol %
Solubility in water: soluble
Solvent solubility: miscible with most organic solvents