



TECHNICAL DATA SHEET

ACETONE FOR HPLC & SPECTROSCOPY

Propanone; Dimethyl Ketone

Article No.	201031000	Molecular Formula	(CH ₃) ₂ CO
H.S. Code	2914.1100	Molecular Weight	58.08
CAS No.	67-64-1		

Physical Properties

Physical state at 20 °C	Liquid
Colour	Clear Colorless
Odour	Fragrant, mint-like
Odour threshold	62 ppm
Melting point [°C]	-95.35°C
Critical temperature [°C]	235°C
Auto-ignition temperature [°C]	465°C
Flammability (solid, gas)	Extremely flammable
Flash point [°C]	-20°C
Boiling point [°C]	56.2°C
Vapour pressure [20°C]	24 kPa
Vapour density	2
Density [g/cm ³]	0.79
Relative density, gas (air=1)	2
Solubility in water [% weight]	Complete

Specifications

Assay (GC) % Min 99.9

Acidity (CH₃COOH) % Max 0.002

Water % Max 0.05

Transmission in a 1.0 cm cell
against water at?

At 335 nm % Min 60

At 340 nm % Min 85

At 345 nm % Min 90

at 350 nm % Min 98

at 360 nm % Min 99

Safety Information and Hazard Symbols



Symbol	GHS02, GHS07
Signal Word	Danger
UN No	1090
IMCO Class No.	3
Hazardous Statement	H225-H319-H336
Precaution Statement	P210-P280-P304+P340-P305+P351+P338-P370+P378-P403+P233-P403+P235-P501
Packing Group	II