

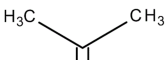
Technical Data Sheet



AMT100020 Acetone for liquid chromatography

TATchrosolve®

General product Information:

Synonyms	Dimethyl ketone, Propanone, 2-Propanone
Overview	Suitable for use in chromatography
Hill Formula	C ₃ H ₆ O
Molar Mass	58.08 g/mol
CAS Number	67-64-1
Grade	Ph Eur, BP, JPE, NF
Chemical Formula	CH ₃ COCH ₃
Structure formula Image	

Chemical/Physical Data:

Boiling point	56.2 °C (1013 hPa)
Density	0.79 g/cm ³ (20 °C)
Explosion limit	2.6 - 12.8 %(V)
Ignition temperature	465 °C DIN 51794
Melting Point	-95.4 °C
pH value	5 - 6 (395 g/l, H ₂ O, 20 °C)
Vapor pressure	233 hPa (20 °C)
Water absorption	1000 g/kg
Refractive Index	1.35868 (20 °C)
Solubility	(20 °C) soluble

Toxicological Data:

LD 50 oral	LD50 Rat 5800 mg/kg
LD 50 dermal	LD50 Rabbit 20000 mg/kg

Packaging Information:

Order Number	Package	Packaging
AMT100020.1000	1 L	Glass Bottle
AMT100020.2500	2.5 L	Glass Bottle
AMT100020.4000	4 L	Glass Bottle