



Methyl isobutyl ketone

Synonyms:

4-Methyl-2-pentanone , MIBK

CH₃COCH₂CH(CH₃)₂

Classification

Danger

Molecular weight **100.16** ONU

1245



CAS **108-10-1** Transport hazard class:

3

EEC-N: **203-550-1** Packing

II

Methyl isobutyl ketone > RPE - For analysis - ACS - Reag. Ph.Eur. - Reag. USP

Analytical Grade

Description	Clear liquid	-
Colour	<= 10	APHA
Identification (I.R.)	Conform	-
Alcohol miscibility	Complete	-
Benzene miscibility	Complete	-
Diethyl ether miscibility	Complete	-



Density at 20°C	0.797 - 0.805	-
Refractive index at 20°C	1.3930 - 1.3990	-
Boiling point	115.7 - 116.7	°C
Water (K.F.)	≤ 0.05	%
Residue on evaporation	≤ 10	ppm
Acidity	≤ 0.002	meq/g
Alcalinity (NH ₃)	≤ 10	ppm
Cd	≤ 0.05	ppm
Cu	≤ 0.1	ppm
Fe	≤ 0.1	ppm
Ni	≤ 0.1	ppm
Pb	≤ 0.1	ppm
Zn	≤ 0.1	ppm
Assay (GC)	≥ 99.5	%
Acetone	≤ 0.1	%
Mesityl and isomesityl oxide	≤ 0.1	%
4-methyl-2-pentanol	≤ 0.2	%

ID	Size	Packaging
0000000000000461945	1 l	Glass bottle
0000000000000461943	21 kg	Metal drum



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