



Ethyl methyl ketone

Synonyms:

2-Butanone , MEK

CH₃CH₂COCH₃

Classification

Danger

Molecular weight

72.11 ONU

1193



CAS

78-93-3 Transport hazard
class:

3

EEC-N:

201-159-0 Packing

II

Ethyl methyl ketone

> RPE - For analysis - Reag. Ph. Eur.

Analytical Grade

Description	Clear colourless liquid	-
Identification (I.R.)	Positive	-
Colour	<= 10	APHA
Density d _{20/4}	0.802 - 0.808	-
Refractive index at 20°C	1.3784 - 1.3834	-
Boiling point	79 - 80	?C
Water (K.F.)	<= 500	ppm



Residue on evaporation	≤ 10	ppm
Acidity (acetic acid)	≤ 30	ppm
Aldehydes (formaldehyde)	≤ 20	ppm
Heavy metals (as Pb)	≤ 1	ppm
Subs. reducing KMnO_4	≤ 2	ppm (15m)
Al	≤ 0.5	ppm
Ba	≤ 0.1	ppm
Ca	≤ 0.5	ppm
Cd	≤ 0.05	ppm
Co	≤ 0.02	ppm
Cr	≤ 0.02	ppm
Cu	≤ 0.02	ppm
Fe	≤ 0.1	ppm
Mg	≤ 0.1	ppm
Mn	≤ 0.02	ppm
Ni	≤ 0.02	ppm
Pb	≤ 0.1	ppm
Sn	≤ 0.1	ppm
Zn	≤ 0.1	ppm
Assay (GC)	≥ 99.5	%



ID	Size	Packaging
000000000000462701	1 l	Glass bottle
000000000000462703	2.5 l	Glass bottle
000000000000462704	10 l	Plastic tank
000000000000462702	22 kg	Metal drum



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