



Evaporation rates of solvents

Recommendation to customers

The evaporation rate is indicated in the table below in relative numerical values. These rates are established by assuming the evaporation rate of one solvent to be 1 and by indicating those of other, slower drying solvents as multiples of this rate. Diethylether is generally assumed to be 1.

		Abbreviation	CAS Number	Evaporation rates (ether=1)
ALCOHOL	Methyl alcohol	MEOH	67-56-1	6.3
	Ethyl alcohol	ETOH	64-17-5	8.3
	Isopropyl alcohol	IPA	67-63-0	11
	n-propyl alcohol	N-PROP	71-23-8	16
	n-butyl alcohol	NBA	71-36-3	33
GLYCOL ETHER	Methyl glycol	MG	34590-94-8	34
	Ethyl glycol	EG	107-21-1	43
	n-propyl glycol	-	1569-01-3	75
	Isopropyl glycol	-	109-59-1	52
	n-butyl glycol	BG	111-76-2	163
	Methoxy propanol	PM	107-98-2	25
	Ethoxy propanol	EP	111-35-3	33
	Diacetone alcohol	DAA	123-42-2	147
	Methoxy butanol		2517-43-3	160
	ESTERS	Methyl acetate	-	79-20-9
Ethyl acetate		ETAC	141-78-6	2.9
Isopropyl acetate		IPAC	108-21-4	4.2
n-propyl acetate		NPAC	109-60-4	6.1
Butyl acetate 98/100%		BUAC	123-86-4	12
Methoxy propyl acetate		PMA	108-65-6	34
Ethyl -3-ethoxy-propanol		EPP	763-69-9	96
KETONES		Acetone	-	67-64-1
	Methyl ethyl ketone	MEK	78-93-3	2.7
	Methyl isobutyl ketone	MIBK	108-10-1	10
	Cyclohexanone	-	108-94-1	40
AROMATICS	Toluene	-	108-88-3	6.1
	Xylene	-	1330-20-7	13.5
ALIPHATICS	Cyclohexane	-	110-82-7	2.5
	petroleum ether 50/70	-	101316-46-5	1.6
	Terlitol (White spirit)	-	64475-85-0	50

Example:

The evaporation rate 2,9 of ethyl acetate indicates that this solvent evaporates approx. 3 times slower than Diethylether, but approx. 8 times faster than ethoxypropanol