

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
CYCLOHEXANE (CAS 110-82-7)	PEL	1050 mg/m3
		300 ppm
ETHANOL (CAS 64-17-5)	PEL	1900 mg/m3
		1000 ppm

US. OSHA Table Z-2 (29 CFR 1910.1000)

Components	Type	Value
TOLUENE (CAS 108-88-3)	Ceiling	300 ppm
	TWA	200 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
4-METHYLPENTAN-2-ONE (CAS 108-10-1)	STEL	75 ppm
	TWA	20 ppm
BUTANONE (CAS 78-93-3)	STEL	300 ppm
	TWA	200 ppm
CYCLOHEXANE (CAS 110-82-7)	TWA	100 ppm
ETHANOL (CAS 64-17-5)	STEL	1000 ppm
TOLUENE (CAS 108-88-3)	TWA	20 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
4-METHYLPENTAN-2-ONE (CAS 108-10-1)	STEL	300 mg/m3
		75 ppm
		205 mg/m3
BUTANONE (CAS 78-93-3)	STEL	50 ppm
		885 mg/m3
		300 ppm
CYCLOHEXANE (CAS 110-82-7)	TWA	590 mg/m3
		200 ppm
		1050 mg/m3
ETHANOL (CAS 64-17-5)	TWA	300 ppm
		1900 mg/m3
		1000 ppm
TOLUENE (CAS 108-88-3)	STEL	560 mg/m3
		150 ppm
		375 mg/m3
	TWA	100 ppm

Biological limit values
ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
4-METHYLPENTAN-2-ONE (CAS 108-10-1)	1 mg/l	Methyl isobutyl ketone	Urine	*
BUTANONE (CAS 78-93-3)	2 mg/l	MEK	Urine	*
TOLUENE (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*