

Substances with new Occupational Exposure Limits in 2006

Substance [CAS No.]	TWA	STEL/Ceiling	Notations	Previous OEL
Acetylene tetrabromide [79-27-6]	<i>Documentation and adopted TLV withdrawn by the ACGIH in favour of its IUPAC name; new name is 1,1,2,2-Tetrabromoethane as listed below</i>			1 ppm TWA
Coumaphos [56-72-4]	0.05 mg/m ³ (I, V)	-	Skin	Newly listed substance
Dyfonate [944-22-9]	0.1 mg/m ³ (I, V)	-	Skin	0.1 mg/m ³ TWA
Fenamiphos [22224-92-6]	0.05 mg/m ³ (I, V)	-	Skin	0.1 mg/m ³ TWA
Fenthion [55-38-9]	0.05 mg/m ³ (I, V)	-	Skin	0.2 mg/m ³ TWA
Magnesite [546-93-0]	<i>Documentation and adopted TLV withdrawn by the ACGIH due to insufficient data; reclassified as "Particles (Insoluble or Poorly Soluble) Not Otherwise Classified (PNOS)" – assigned a TWA of 10 mg/m³ (total fraction) and 3 mg/m³ respirable fraction</i>			10 mg/m ³ TWA (N)
2-Methoxyethanol (EGME) [109-86-4]	0.1 ppm	-	Skin, R	5 ppm TWA
2-Methoxyethyl acetate (EGMEA) [110-49-6]	0.1 ppm	-	Skin, R	5 ppm TWA
Perlite [93763-70-3]	<i>Documentation and adopted TLV withdrawn by the ACGIH due to insufficient data; ; reclassified as "Particles (Insoluble or Poorly Soluble) Not Otherwise Classified (PNOS)" – assigned a TWA of 10 mg/m (total fraction) and 3 mg/m³ respirable fraction</i>			10 mg/m ³ TWA (N)
Propylene [115-07-1]	500 ppm	-	-	Simple asphyxiant
Ronnel [299-84-3]	5 mg/m ³ (I, V)	-	-	10 mg/m ³ TWA (N)
Silica, Amorphous – Silica, fused [60676-86-0]	<i>Documentation and adopted TLV withdrawn by the ACGIH due to insufficient data</i>			0.1 mg/m ³ TWA
Silica, Crystalline – Cristobalite [15564-46-1]	<i>Documentation and adopted TLV withdrawn by the ACGIH; combined with α-quartz; see Silica, Crystalline – α-Quartz and Cristobalite listed below</i>			0.05 mg/m ³ TWA
Silica, Crystalline – α -Quartz [14808-60-7; 1317-95-9] and Cristobalite [14464-46-1]	0.025 mg/m ³ (R)	-	A2, 1	0.05 mg/m ³ TWA
Silica, Crystalline – Quartz [14808-60-7]	<i>Documentation and adopted TLV withdrawn by the ACGIH; combined with cristobalite; see Silica, Crystalline – α-Quartz and Cristobalite listed above</i>			0.05 mg/m ³ TWA
Silica, Crystalline – Tripoli [1317-95-9]	<i>Documentation and adopted TLV withdrawn by the ACGIH due to insufficient data</i>			0.1 mg/m ³ TWA (R)
Silicon [7440-21-3]	<i>Documentation and adopted TLV withdrawn by the ACGIH due to insufficient data; reclassified as "Particles (Insoluble or Poorly Soluble) Not Otherwise</i>			10 mg/m ³ TWA (N)

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	<i>Classified (PNOS)</i> – assigned a TWA of 10 mg/m ³ (total fraction) and 3 mg/m ³ respirable fraction			
1,1,2,2-Tetrabromoethane [79-27-6]	0.1 ppm (I, V)	-	-	1 ppm TWA
Tetrasodium pyrophosphate [7722-88-5]	<i>Documentation and adopted TLV withdrawn by the ACGIH due to insufficient data</i>			5 mg/m ³ TWA
VM & P Naphtha ¹ [8032-32-4]	350 mg/m ³	-	-	

(I) Inhalable fraction

(N) The 8-hour TWA is for “total dust” or “total fraction”; this substance has a corresponding 8-hour TWA of 3 mg/m³ for the respirable fraction. These substances are a subset of the “Particles (Insoluble or Poorly Soluble) Not Otherwise Classified (PNOC)” category identified by having 8-hour TWAs of 10 mg/m³; The ACGIH is currently reviewing substances in this category currently listed in the Table of Adopted Values. Where there is sufficient evidence, a revised TLV is assigned; where there is insufficient evidence, the substance is delisted. See *OHS Guideline G5.48-7 “Nuisance dusts”* for further information.

(R) Respirable fraction

(V) Vapour and aerosol

¹ Corrected entry; incorrectly listed as 300 ppm in the Table of exposure limits for chemical and biological substances