

NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended

Components	Type	Value
2-BUTOXYETHANOL (CAS 111-76-2)	IDLH	1.1 % 700 ppm
ACETONE (CAS 67-64-1)	IDLH	2.5 % 2500 ppm
ETHYLBENZENE (CAS 100-41-4)	IDLH	0.8 % 800 ppm
talca (Mg ₃ H ₂ (SiO ₃) ₄) (CAS 14807-96-6)	IDLH	1000 mg/m ³
TOLUENE (CAS 108-88-3)	IDLH	1.1 % 500 ppm
ZINC OXIDE (CAS 1314-13-2)	IDLH	500 mg/m ³

US. NIOSH: Pocket Guide to Chemical Hazards Recommended Exposure Limits (REL)

Components	Type	Value	Form
2-BUTOXYETHANOL (CAS 111-76-2)	TWA	24 mg/m ³ 5 ppm	
ACETONE (CAS 67-64-1)	TWA	590 mg/m ³ 250 ppm	
ETHYLBENZENE (CAS 100-41-4)	STEL	545 mg/m ³ 125 ppm	
	TWA	435 mg/m ³ 100 ppm	
talca (Mg ₃ H ₂ (SiO ₃) ₄) (CAS 14807-96-6)	TWA	2 mg/m ³	Respirable.
TOLUENE (CAS 108-88-3)	STEL	560 mg/m ³ 150 ppm	
	TWA	375 mg/m ³ 100 ppm	
XYLENE (CAS 1330-20-7)	STEL	655 mg/m ³ 150 ppm	
	TWA	435 mg/m ³ 100 ppm	
ZINC OXIDE (CAS 1314-13-2)	Ceiling	15 mg/m ³	Dust.
	STEL	10 mg/m ³	Fume.
	TWA	5 mg/m ³ 5 mg/m ³	Fume. Dust.

Biological limit values
ACGIH Biological Exposure Indices (BEI)

Components	Value	Determinant	Specimen	Sampling Time
2-BUTOXYETHANOL (CAS 111-76-2)	200 mg/g	Butoxyacetic acid (BAA), with hydrolysis	Creatinine in urine	*
ACETONE (CAS 67-64-1)	25 mg/l	Acetone	Urine	*