

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

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

Components	Type	Value
2-BUTOXYETHANOL (CAS 111-76-2)	PEL	240 mg/m3 50 ppm
Butan-1-ol (CAS 71-36-3)	PEL	300 mg/m3 100 ppm
CUMENE (CAS 98-82-8)	PEL	245 mg/m3 50 ppm
ETHYLBENZENE (CAS 100-41-4)	PEL	435 mg/m3 100 ppm
MORPHOLINE (CAS 110-91-8)	PEL	70 mg/m3 20 ppm
PROPAN-2-OL (CAS 67-63-0)	PEL	980 mg/m3 400 ppm
XYLENE (CAS 1330-20-7)	PEL	435 mg/m3 100 ppm

#### US. OSHA Table Z-2 Permissible Exposure Limits (PEL) (29 CFR 1910.1000)

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

#### US. ACGIH Threshold Limit Values (TLV)

Components	Type	Value
2,2',2"-Nitrilotriethanol (CAS 102-71-6)	TWA	5 mg/m3
2-BUTOXYETHANOL (CAS 111-76-2)	TWA	20 ppm
Butan-1-ol (CAS 71-36-3)	TWA	20 ppm
CUMENE (CAS 98-82-8)	TWA	5 ppm
ETHYLBENZENE (CAS 100-41-4)	TWA	20 ppm
MORPHOLINE (CAS 110-91-8)	TWA	20 ppm
PROPAN-2-OL (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm
TOLUENE (CAS 108-88-3)	TWA	20 ppm
XYLENE (CAS 1330-20-7)	TWA	20 ppm

#### 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
Butan-1-ol (CAS 71-36-3)	IDLH	1.4 % 1400 ppm