

Chemical	Calcium oxide (Lime, Quicklime)
CAS Number	1305-78-8
Category	Category III
Cancer Classification	EPA: Not Evaluated IARC: Not Evaluated NTP: No Report
Proposed HAAS	4.76 ug/m ³
Basis of Proposed HAAS	ACGIH TLV-TWA 2000 ug/m ³
Basis of Value used to derive Proposed HAAS	Critical Effect: Eye, mucous membrane, nasal and moist skin irritation. Particles can cause severe ocular burns. Study Animal: Human, occupational Exposure Route: Inhalation
Dose Extrapolation Method	
Notes	ACGIH TLV-TWA developed by analogy with Calcium hydroxide
Additional Tox and/or Occupational Values	VOSHA 1910.1 PEL 5,000 ug/m ³ TWA NIOSH REL 2,000 ug/m ³ TWA IDLH 25,000 ug/m ³
Comparison Values	
Derivation of HAAS: $\text{HAAS (ug/m}^3\text{)} = \frac{OEL}{UF \times MF \times TF}$ <p>UF = 3 for intra-species (inter-individual) variability UF = 10 for less than chronic study/data MF = 3 for limited data TF = 4.2 to extrapolate from occupational to continuous exposure</p> $= \frac{2000}{3 \times 10 \times 3 \times 4.2}$ <p>(For purposes of this evaluation, application of two factors of 3 is rounded to 10)</p> $\cong 4.76 \text{ ug/m}^3$	