

Chemical	Acetic acid
CAS Number	64-19-7
Category	Category III
Cancer Classification	EPA: Not Evaluated IARC: Not Evaluated NTP: No Report
Proposed HAAS	58.48 ug/m ³
Basis of Proposed HAAS	ACGIH TLV-TWA 24560.33 ug/m ³ (10 ppm)
Basis of Value used to derive Proposed HAAS	Critical Effect: Irritation of Eye and Mucous Membranes Study Animal: Human Exposure Route: Inhalation, Industrial Exposure
Dose Extrapolation Method	
Notes	Limited Data Available
Additional Tox and/or Occupational Values	VOSHA 1910.1 PEL Transitional Limit 25,000 ug/m ³ (10 ppm) NIOSH REL 25,000 ug/m ³ (10 ppm) TWA 37,000 ug/m ³ (15 ppm) STEL IDLH 123,000 ug/m ³ (50 ppm) ACGIH STEL 37,000 ug/m ³ (15 ppm)
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 lack of NOAEL, use of LOAEL MF = 3 for limited data, dated database TF = 4.2 to extrapolate from occupational to continuous exposure</p> $= \frac{24560.33}{3 \times 10 \times 3 \times 4.2}$ <p>(For purposes of this evaluation, application of two factors of 3 is rounded to 10)</p> $\cong 58.48 \text{ ug/m}^3$	