

Chemical	Potassium hydroxide
CAS Number	1310-58-3
Category	Category III
Cancer Classification	EPA: Not Evaluated IARC: Not Evaluated NTP: No Report
Proposed HAAS	.67 ug/m ³
Basis of Proposed HAAS	By analogy to Sodium hydroxide
Basis of Value used to derive Proposed HAAS	Critical Effect: Study Animal: Exposure Route:
Dose Extrapolation Method	
Notes	Developed by analogy to Sodium hydroxide which has a HAAS of 6.67 ug/m ³ . ACGIH documentation for TLV-Ceiling of 2,000 ug/m ³ for Potassium hydroxide notes limited information available on this compound. ACGIH developed ceiling based on analogy to Sodium hydroxide ceiling of 2,000 ug/m ³ . States that solid form of Potassium hydroxide noted to be more destructive to tissues than Sodium hydroxide.
Additional Tox and/or Occupational Values	VOSHA 1910.1 PEL 2,000 ug/m ³ Ceiling
Comparison Values	
Derivation of HAAS: Derived by analogy to Sodium hydroxide HAAS for Sodium hydroxide 6.67 ug/m ³ Modifying Factor of 10 applied for use of analogy and limited data $\text{HAAS (ug/m}^3\text{)} = \frac{6.67}{10}$ $\cong .67 \text{ ug/m}^3$	