

Chemical	Phenyl ether (vapor) (Diphenyl ether, Phenoxybenzene, Diphenyl oxide)
CAS Number	101-84-8
Category	Category III
Cancer Classification	EPA: Not Evaluated IARC: Not Evaluated NTP: No Report
Proposed HAAS	23.69 ug/m ³
Basis of Proposed HAAS	Information cited in ACGIH TLV documentation
Basis of Value used to derive Proposed HAAS	Critical Effect: Ocular and upper respiratory tract irritation Study Animal: Rats, rabbits and dogs Exposure Route: Inhalation, 7 hours per day, 5 days per week for 4 weeks
Dose Extrapolation Method	NOAEL,LOAEL
Notes	Cited study in animals identified a NOAEL of 4.9 ppm (34111.62 ug/m ³). This value was used as starting point for derivation of standard. Primary effects noted to be objectionable odor and nausea due to disagreeable odor.
Additional Tox and/or Occupational Values	VOSHA 1910.1 PEL 7,000 ug/m ³ (1 ppm)TWA NIOSH REL 7,000 ug/m ³ (1 ppm) TWA IDLH 700,000 ug/m ³ (100 ppm) ACGIH TLV-TWA 7,000 ug/m ³ (1 ppm) STEL 14,000 ug/m ³ (2 ppm)
Comparison Values	
Derivation of HAAS: $34111.62 \text{ ug/m}^3 \times (7\text{hr}/24\text{hr}) \times (5\text{d}/7\text{d}) \cong 7106.59 \text{ ug/m}^3$ $\text{HAAS (ug/m}^3\text{)} = \frac{\text{NOAEL}}{\text{UF}}$ UF = 10 for inter-species variability UF = 3 for intra-species variability (primarily an irritant) UF = 10 for less than chronic study/data $= \frac{7106.59}{10 \times 3 \times 10}$ $\cong 23.69 \text{ ug/m}^3$	