

Chemical	<b>2-(2-Butoxyethoxy)-ethanol</b> (Diethylene glycol monobutyl ether)
CAS Number	112-34-5
Category	Category III
Cancer Classification	EPA: Not Evaluated IARC: Not Evaluated NTP: No Report
Proposed HAAS	21.3 ug/m <sup>3</sup>
Basis of Proposed HAAS	HSDB citation of unpublished, unreviewed study
Basis of Value used to derive Proposed HAAS	Critical Effect: NOAEL 18 ppm (119,433 ug/m <sup>3</sup> ) (Highest Dose Tested) Study Animal: Fischer 344/N rat Exposure Route: Inhalation, subchronic
Dose Extrapolation Method	NOAEL,LOAEL
Notes	
Additional Tox and/or Occupational Values	
Comparison Values	
Derivation of HAAS: HSDB cites study with Fischer 344/N rats exposed via inhalation 5 days per week, 6 hours per day for 5 weeks 18 ppm (119,433 ug/m <sup>3</sup> ) identified as NOAEL (HDT) $119,433 \text{ ug/m}^3 \times (6\text{hr}/24\text{hr}) \times (5\text{d}/7\text{d}) \cong 21,327 \text{ ug/m}^3$ $\text{HAAS (ug/m}^3\text{)} = \frac{\text{NOAEL}}{\text{UF} \times \text{TF}}$ UF = 10 for inter-species variability UF = 10 for intra-species (inter-individual) variability UF = 10 for less than chronic study/data $= \frac{21327}{10 \times 10 \times 10}$ $\cong 21.3 \text{ ug/m}^3$	