

Chemical	Benzyl alcohol
CAS Number	100-51-6
Category	Category III
Cancer Classification	EPA: Not Evaluated IARC: Not Evaluated NTP: TR-343 (Gavage) No evidence of carcinogenic activity in both sexes of F344/N rat and B6C3F ₁ mouse.
Proposed HAAS	105 ug/m ³
Basis of Proposed HAAS	HEAST,1997 Chronic Oral Reference Dose .3 (mg/kg-d) Uncertainty Factor=1000 (converted assuming 70 kg body weight and 20 m ³ /d inhalation rate)
Basis of Value used to derive Proposed HAAS	Critical Effect: Epithelial hyperplasia of forestomach Study Animal: Rat Exposure Route: Oral, gavage
Dose Extrapolation Method	
Notes	
Additional Tox and/or Occupational Values	HEAST,1997 Subchronic Oral Reference Dose 1 (mg/kg-d) Uncertainty Factor=100
Comparison Values	
Derivation of HAAS: $\text{HAAS (ug/m}^3\text{)} = \frac{\text{RfDo} \times \text{BW} \times 1000 \text{ug / mg}}{\text{IR} \times \text{MF}}$ MF = 10 for conversion from RfD _o $= \frac{.3 \times 70 \times 1000}{20 \times 10}$ $= 105 \text{ ug/m}^3$	