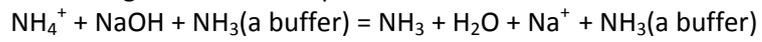


What can we expect if we titrate a mixture of NH_4^+ and NH_3 (a buffer) by a strong base NaOH ?

Solution:

The strong base NaOH displaces ammonium cation from its salt in the form of ammonia NH_3 :



We'll feel to sense characteristic pungent smell.